U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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Requestor's Name:		I REQUEST Seria Numi	1	•	
Date:	Phone:		Art Unit:		
Search Topic: Please write a detailed state terms that may have a speci please attach a copy of the s	al meaning. Give example	s or relevent citations, a	uthors, keywords, etc., i	f known. For sequences,	
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Bibliographic

Schreiber, David

From:

Sent:

Pak, Michael Friday, February 20, 2004 11:22 AM

To:

Schreiber, David

Cc: Subject:

Yu, Misook FW: 09/499,662

Please search the multiple sequence search request set forth below. The serial number Dear David, in the original request is incorrect. Please note change to the serial number.

Mike Pak

----Original Message----

From:

Yu, Misook

Sent:

Friday, February 20, 2004 11:14 AM

Subject:

Pak, Michael RE: 09/499,662

Sorry, it is 09/499,662

Examiner Misook Yu, Ph.D. 571-272-0839 (Phone) Art Unit 1642 REM-3A18 (Room) REM-3C18 (Mail Box)

----Original Message----

From:

Pak, Michael

Sent:

Friday, February 20, 2004 10:48 AM

To:

Yu, Misook

Subject:

RE: 09/499,663

The serial number doesn't look right.

Mike Pak Michael Pak USPTO Art Unit 1646 Room: Remsen 4E75 Mailbox: Remsen 4C70 571-272-0879

. ----Original Message----

Yu, Misook From:

Friday, February 20, 2004 10:26 AM Sent:

Pak, Michael To: Schreiber, David

Plse approve search for more than 10 sequences and forward it to David Schreiber. thank you.

For David, pls do interference search only for

A Company of the Company

- 1. SEQ ID NO:2-(X, 14 aa)-SEQ ID NO:3-(X, 32 aa)-SEQ ID NO:4 (these seq ids are all small peptides).
- 2. SEQ ID NO:5-(x, 15 aa)-SEQ ID NO:6-(x, 32 aa)-SEQ ID NO:7 (these seq ids are all small peptides).
- 3. SEQ ID NOs 50, 52, 54, 89, 107, 109, 117, 127, 129, 131, 143, 145, 147, 157 (These are either 238 aa or 470 aa).
- 4. SEQ ID NO:1 (10 aa)

Examiner Misook Yu, Ph.D. 571-272-0839 (Phone) Art Unit 1642 REM-3A18 (Room) REM-3C18 (Mail Box)

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Maximum Match 100%
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1: /cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/USO8_NEW_PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

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US-10-384-933-107

US-10-384-933-127

US-10-384-933-127

US-10-384-933-127

US-10-384-933-129

US-10-384-933-131

US-10-216-484-50

US-10-216-484-50

US-10-216-484-54

US-10-216-484-107

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RESULT 1
US-10-384-933-11
US-10-384-933-13
Sequence 11, Application US/10384933
Sequence 11, Application No. US20030170817A1
Publication No. US20030170817A1Ufusa
AppliCANT: Serizawa, No. US20030170817A1Ufusa
AppliCANT: Haruyama, Hideyuki
AppliCANT: Takahashi, Tohru
AppliCANT: Takahashi, Tohru
AppliCANT: Takahashi, Tohru
AppliCANT: Takahashi, Tohru
AppliCANTON NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/01/384,933
CURRENT FILING DATE: 2000-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
SEQ ID NO 11
LENGTH: 238
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Best Local
                                                          Matches
                                                                                                                                    TYPE: PRT
ORGANISM: Mus musculus
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2 US-10-113-996-6
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2 US-10-113-996-10
3 US-09-920-171-10
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Sequence 131, App
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Sequence 4, Appli
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LENGTH: 238
TYPE: PRT
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                                                                                                                                                                                                                                                            CURRENT PILIUN UNBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
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                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                     LENGTH: 238
TYPE: PRT
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                                                                                                                                                                          ORGANISM: Artificial Sequence
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31; Conserv
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No. US20030170817A1
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100.0%; Score 238; DB 12; 27.9%; Pred. No. 1.6e-05; tive 80; Mismatches 0;
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; OTHER INFORMATION: Description of Artificial Sequence: Designed light
; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-384-933-54
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                                                                APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT PILLING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 54
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 107, Application No. US20 GENERAL INFORMATION:
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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Publication No. US20030170817A1
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  TYPE: PRT
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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ORGANISM: Artificial Sequence
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Nakahara, Kaori
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TYPE: PRT organism: Artificial Sequence; Designed light; ORGANISM: Artificial Sequence; Designed light; PRT organism: Description of Artificial Sequence; Designed light; OTHER INFORMATION: Chain of humanized anti-Pas antibody; OTHER INFORMATION: Chain of humanized anti-Pas antibody; OTHER 1000RMATION: Chain of humanized anti-Pas anti-Pas antibody; OTHER 1000RMATION: Chain of humanized anti-Pas an
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; PRIOR FILING DATE: 2000-02-09
; PRIOR PPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
; PRIOR PPLICATION NUMBER: EARLIER FILING DATE: 1998-04-01
; PRIOR FILING DATE: 238
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Sequence 129, Application US/10384933
Publication No. US/1030170817A1
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko,
APPLICANT: Tamaki, Ikuko,
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Best Local S:
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US-10-384-933-131
US-10-384-933-131
Sequence 131, Application US/10384933
Publication No. US/20030170817A1
Publication No. US/20030170817A1
Publication No. US/20030170817A1
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; ORGANISM: Mus musculus
US-10-216-484-11
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US-10-216-484-11
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                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 11
LENGTH: 238
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PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
                                                                                                                                                           Matches
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Publication No.
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                                                                                                                                                                                            Query Match
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FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
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CURRENT FILING DATE: 2003-02-05
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                               Local
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               GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCQQSNEDPRTFGGGTKLEIK 131
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                                                                                DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMMYQQKPGQPPKLLIYAASNLBS
                                                                                                         Tamaki, Ikuko
Takahashi, Tohru
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                                                                                                                                                          100.0%; Score 238; DB 15; 27.9%; Pred. No. 1.6e-05; tive 80; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILLING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILLING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILLING DATE: 1998-04-01
INUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
SEQ ID NO 50
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-50
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; Sequence 52, Application US/10216484
; Publication No. US20030103976A1
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US-10-216-484-50
                                                                                         US-10-216-484-52
                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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Publication No. US20030103976A1
Best Local Similarity Matches 31; Conserv
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LENGTH: 238
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Best Local Similarity
                                            Query Match
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                        TYPE: PRT
                                                                                                                                                           FEATURE:
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Nakahara, kau-
Nakahara, kau-
Tanaki, Ikuko
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27.9%; Pred. No. 1.6e-05;
100.0%; Score 238; DB 15
27.9%; Pred. No. 1.6e-05;
cive 80; Mismatches (
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Sequence 107, Application US/10216484
Sequence 107, Application US20030103976A1
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT:
HARTYAMMA, KAOY1
APPLICANT:
HARTYAMMA, KAOY1
APPLICANT:
HARTYAMMA, KAOY1
APPLICANT:
HARTYAMMA, KAOY1
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
FILE REFERENCE: 980126CIP/HG
CURRENT FILING DATE: 2002-08-09
CURRENT FILING DATE: 2002-08-09
ENIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 54
LENGTH: 238
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PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
                                              TITLE OF INVENTION: Anti-Fas Antibodies
TITLE REFERENCE: 980126CIP/HG
FILE REPELICATION NUMBER: US/10/216,484
CURRENT EPLING DATE: 2002-08-09
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1000-02-09
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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Best Local S
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ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
SEQ ID NO 107
LENGTH: 238
TYPE: PRT
                                                                                                                                                                                                                         APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed light
OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-107
                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1988-04-01
NUMBER OF EGG ID NOS: 165
SEQ ID NO 109
SEQ ID NO 109
LENGTH: 238
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US-10-216-484-109
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                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-109
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Search completed: February 20, 2004, 13:32:13 Job time : 31.7773 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serizawa, No. US20030103976Alufusa
                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                      Query Match
Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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h Similarity 27.9%; Pred. No. 1.66
31; Conservative 80; Mismatches
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Takahashi, Tol
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Nakahara, Kaori
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o. US20030103976A1
                                                       100.0%; Score 238; DB 15;
nilarity 27.9%; Pred. No. 1.6e-05;
Conservative 80; Mismatches 0;
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Maximum DB :
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Perfect score:
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Maximum Match 100%
Listing first 45 summaries
5 6 6 7 9 9 110 111 112 113 113 114
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-216-484-75
US-10-216-484-9
US-10-316-484-9
US-10-384-933-13
US-10-384-933-143
US-10-384-933-147
US-10-384-933-147
US-10-384-933-147
US-10-384-933-147
US-10-384-933-147
US-10-384-933-147
US-10-384-933-147
US-10-216-484-143
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US-10-216-484-145
US-10-216-484-145
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                                  Sequence 75, Appl
Sequence 9, Appli
Sequence 9, Appli
Sequence 9, Appli
Sequence 19, Appli
Sequence 117, App
Sequence 147, App
Sequence 147, App
Sequence 157, Appl
Sequence 157, Appl
Sequence 147, Appl
Sequence 143, Appl
Sequence 143, Appl
Sequence 143, Appl
Sequence 143, Appl
Sequence 147, Appl
Sequence 147, Appl
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Sequence 75, Application US/10384933

Sequence 75, Application Wo. US20030170817All publication No. US20030170817All publication No. US20030170817Alufusa ApplicANT: Serizawa, Nideyuki ApplicANT: Nakahara, Kaori ApplicANT: Makahara, Kaori ApplicANT: Takahashi, Tohru ApplicANT: Takahashi, Tohru ApplicANT: Takahashi, Tohru ApplicANT: 1203-02-09

FILE REFERENCE: 980126CIP/HG Scip/499,662

FURRENT FILING DATE: 2003-02-09

PRIOR FILING DATE: 2003-02-09

PRIOR FILING DATE: 2003-02-09

PRIOR FILING DATE: EARLIER FILING DATE: 1988-04-01

PRIOR FILING DATE: DATE: 1988-04-01

PRIOR FILING DATE: EARLIER FILING DATE: 1988-04-01

PRIOR FILING DATE: EARLIER FILING DATE: 1988-04-01

PRIOR FILING DATE: EARLIER FILING DATE: 1988-04-01

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15 US-10-096-246-12
9 US-09-748-960-4
9 US-09-748-960-4
11 US-09-726-258-49
11 US-09-726-258-49
11 US-09-144-886-55
12 US-10-366-709-35
12 US-10-366-709-41
12 US-10-366-709-41
12 US-10-366-709-48
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13 US-09-726-258-37
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Sequence 12, Appl
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Result

Gaps

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APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980.26CIP/HG

CURRENT FILING DATE: 2002-08-09

PRIOR APPLICATION NUMBER: US/10/216,484

CURTENT FILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 75

LENGTH: 145

TYPE: PRT
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US-10-216-484-75
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US-10-216-484-75
                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION TONGO 100-05
CURRENT FILING DATE: 2003-02-05
CURRENT FILING DATE: 2003-02-05
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                                                                                                 PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PILLING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILLING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 9

LENGTH: 464

TYPE: PRT

ORGANISM: Mus musculus

S-10-384-933-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
Query Match 100.0%; Score 275; DB 12; Length 464; Best Local Similarity 31.2%; Pred. No. 3.1e-08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 275; DB 15; Length 145; Best Local Similarity 31.2%; Pred. No. 5.2e-10; Matches 34; Conservative 75; Mismatches 0; Indels 0
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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RESULT 5 US-10-384-933-89 US-10-384-933-89 Sequence 89, Application US/10384933 Publication No. US20030170817Alufusa APPLICANT: Serizawa, No. US20030170817Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Ikuko CURRENT APPLICATION NUMBER: US/10/384,933 CURRENT APPLICATION NUMBER: US/09/499,662 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER DATE: 2000-02-09 PRIOR FILING DATE: 2000-02-09 PRIOR FILING DATE: EARLIER APPLICATION NUMBER DATE: 1988-04-01 NUMBER OP SEQ ID NOS: 165 SEQ ID NO 89 LENGTH: 470 TYPE: PRT ORGANISM: Artificial Sequence FEATURE:	Query Match Best Local Similarity 31.2%; Pred. No. 3.1e-08; Matches 34; Conservative 75; Mismatches 0; Indels 0; Gaps Oy 1 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	RESULT 4 US-10-216-484-9 ; Sequence 9, Application US/10216484 ; Publication No. US20030103976A1 ; GENERAL INFORMATION: APPLICANT: Serizawa, No. US20030103976A1ufusa APPLICANT: Harryama, Hideyuki APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126C1P/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 1998-04-01 NUMBER OF SEQ ID NOS: 165 SEQ ID NO LENGTH: 464 TYPE: PRT ORGANISM: Mus musculus	Matches 34; Conservative 75; Mismatches 0; Indels 0; Gaps Qy 1 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXIIDPSDSYTNYNQKFKGXXXXXX Db 32 KPGASVKLSCKASGYTFTSYMMQMVKQRPGQGLEWIGEIDPSDSYTNYNQKFKGKATLTV Qy 61 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
. ω	Gaps 0 CXXXXX 60 CATLIV 91		Gaps 0; CXXXXX 60 CATLIV 91

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; OTHER INFORMATION: Description of Artificial Sequence: Designed heavy; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-89
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US-10-384-933-117
OTHER INFORMATION: Description of Artificial Sequence: Designed heavy OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Anti-Pas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/99/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/99/499.662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/99/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 117

LENGTH: 470
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                                                                                                                                                                     US-10-384-933-143
                                                                                                                                                                                  RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                             7 Match 100.0%; Score 275; DB 12 Local Similarity 31.2%; Pred. No. 3.3e-08; Local Similarity 75; Mismatches 0ses 34; Conservative 75; Mismatches
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                                                                                                                                                                                                                                                                         32 KPGASVKVSCKASGYTFTSYMMQMVKQAPCQGLEMMGEIDPSDSYTNYNQKFKGKATLTV 91
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Takahashi, Tohru
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o. US20030170817A1
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                                                                                                                                                                                                                                                                                                                                                              DB 12; Length 470;
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Hakharar, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: APPLICATION NUMBER: US/09/053,583
PRIOR APPLICATION NUMBER: BARLIER FILING DATE: 1998-04-01
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PRIOR PRIOR DATE: BARLIER FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
LENGTH: 470
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US-10-384-933-145
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                                                                  RESULT 9
US-10-384-933-147
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             Sequence 147, Application US/10384933
Publication No. US20030170817A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
APPLICANT: Serizawa, No. US20030170817Alufusa
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH: 470
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                                                                                                                                                                                                                                            h 100.0%; Score 275; DB 12; Similarity 31.2%; Pred. No. 3.3e-08; 34; Conservative 75; Mismatches 0;
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US-10-384-933-157
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                                                                                                                               Matches
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LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                               Query Match
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Best Local Similarity
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PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
                                                                                                                                                Best Local
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US/09/499,662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Anti-Fas Antibodies
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                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: heavy chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                      Similarity
                                                     KPGASVKVSCKASGYTFTSYMMQWVRQAPGQGLEWMGEIDPSDSYTNYNQKFKGRVTITR
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Tamaki, Ikuko
Takahashi, Tohru
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                                                                                                                               Conservative
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                                                                                                                           100.0%; Score 275; DB 12; 31.2%; Pred. No. 3.3e-08; tive 75; Mismatches 0;
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                                                                                                                                                               Length 470;
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US-10-216-484-117
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                                                                                                                                                  SEQ ID NO 117
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Best Local Similarity 31.2%; Pred. No. 3.3e-08;
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                                                                                                                                                                                                                                  APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CTP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
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TITLE OF INVENTION: Anti-Fas
FILE REFERENCE: 980126CIP/HG
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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TYPE: PRT
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                  OTHER INFORMATION: OTHER INFORMATION:
                                                             TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Designed heavy OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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                                                                                                                                LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             92 DTSASTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGEGTLVTVSS 140
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                                                                                                                                  470
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                  Description of Artificial Sequence: Designed heavy chain of humanized anti-Fas antibody
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Query Match

100.0%;

Score 275;

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15;

Length 470

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; OTHER INFORMATION: Description of Artificial Sequence: Designed ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-143
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US-10-216-484-145
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REPERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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Publication No. US20030103976A1
GENERAL INFORMATION:
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PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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Best Local Similarity
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                                                                                                                                                                                                                      APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG
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ORGANISM: Artificial Sequence
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o. US20030103976A1
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75; Mismatches 0;
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Search completed: February 20, Job time: 31.2227 secs

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US-10-216-484-147
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NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
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Best Local &
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,49
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                   32 KPGASVKVSCKASGYIFTSYMMQWVRQAPGQGLEWMGEIDPSDSYTNYNQKFKGKATLTV
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92 DISTSTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGQGTLVTVSS 140
                         34;
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                                                                                                                                         100.0%; Score 275; DB 15; 31.2%; Pred. No. 3.3e-08; ive 75; Mismatches 0;
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OM protein - protein search, using sw model
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Perfect score:
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Maximum DB seq length: 200000000
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No.
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3: /cgm2_6/ptodata/1,
4: /cgm2_6/ptodata/1,
5: /cgm2_6/ptodata/1,
6: /cgm2_6/ptodata/1,
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Copyright (c) 1993 - 2004 Compugen Ltd.
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  US-08-553-497A-8
US-08-553-497A-12
US-10-92-246-12
US-10-92-246-12
US-08-881-037-16
US-08-881-037-61
US-08-881-037-62
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US-08-235-838-11
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US-09-121-952A-48
US-09-121-952A-48
US-09-121-952A-48
US-09-234-340A-49
US-09-234-340A-49
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US-08-881-037-59
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                 sequence 8, Appli
sequence 12, Appl
sequence 14, Appl
sequence 14, Appl
sequence 14, Appl
sequence 61, Appl
sequence 62, Appl
sequence 11, Appl
sequence 16, Appl
sequence 17, Appl
sequence 17, Appl
sequence 18, Appl
sequence 19, Appl
sequence 60, Appl
sequence 60, Appl
sequence 49, Appl
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US-08-553-497A-8
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Patent No. 5844093
GENERAL INFORMATION:
                                                                             CUMBLIA 1. COUNTY STATE TORM:

ZIP: 22201

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING DATE: 17-MAR-1995
FILING DATE: 17-MAR-1995
FILING DATE: 17-MAR-1994
FILING DATE: 17-MAR-1994
FILING DATE: 17-MAR-1994
FILING DATE: 02-DEC-1994
FILING DATE: MS-DISC-1994
FILING DATE: 02-DEC-1994
FILING DATE: 19-MAR-1994
FILING DATE: 19-MAR-1994
FILING DATE: 19-MAR-1994
FILING DATE: 02-DEC-1994
FILING DATE: 19-DAVA
NAME: HAMLET-KING, DIANA
NAME: TOS-CAST SYSTEMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ANSELL, KEITH H.
APPLICANT: GUSSOW, DETLEF
APPLICANT: ADAN, JAUME
APPLICANT: MITLANS, FRANSESC
APPLICANT: ROSELL, BLISABET
APPLICANT: BLASCO, FRANCESC
APPLICANT: BLASCO, FRANCESC
APPLICANT: PIULATS, JAUME
PIULATS, JAUME
TITLE OF INVENTION: ANTI-EGFR SINGLE-CHAIN FVS AND ANTI-EGFR
TITLE OF INVENTION: ANTI-EGFR
TITLE OF INVENTION: ANTI-EGFR
TO INVENTION: ANTI-EGFR
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ADDRESSEE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
ADDRESSEE: 2200 CLARENDON BLVD. SUITE 1400
STREET: 2200 CLARENDON BLVD.
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INFORMATION FOR SEQ
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BENDIG, MARY M.
ANSELL, KEITH H.
GUSSOW, DETLEF
ADAN, JAUME
ATTANNO PRANCECO
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OR SEQ ID NO:
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US-08-491-334A-37
US-09-027-449-37
US-09-026-985-37
US-09-121-952A-37
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US-08-027-449-44
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US-08-804-444A-44
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Best Local !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                  TELEFAX: 703-243-6410
INFORMATION FOR SEQ ID NO: 12:
                                                                                REGISTRATION NUMBER: 33,302
REFERENCE/DOCKET NUMBER: MEETELECOMMUNICATION INFORMATION:
TELEPHONE: 703-243-6333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 22201
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
STREET: 2200 CLARENDON BLVD. SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                       FILING DATE: 02-DEC-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                      APPLICATION NUMBER: EP 94104160.0 FILING DATE: 17-MAR-1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: WO PCT/EP95/00978
FILING DATE: 16-MAR-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/553,497A
FILING DATE: 17-NOV-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTI-EGENT ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                      APPLICATION NUMBER: EP 94118970.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                 ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      73 DKSSNTAYMQLSSLTSEDSAVYYCARS-DYGSS-HFDYWGQGTTVTVSS 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61
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25; Conserv
amino acid
                                                                                                                                                      HAMLET-KING, DIANA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KPGALVKISCKASGYTFTSYMMHWVKQRPGQGLBWIGEIDPSDSYTNYNQKFKGKATLTV 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 119 amino acids amino acid
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                119 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SD
                                                                   703-243-6410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PIULATS, JAUME
VENTION: ANTI-EGFR SINGLE-CHAIN FVS
                                                                                                                                                                                                                                                                                                                                                                                                                  PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MITJANS, FRANSESO
ROSELL, ELISABET
BLASCO, FRANCESC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            74.2%; Score 204; DB 2; larity 22.9%; Pred. No. 6.6e-06; Conservative 79; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FRANSESC
                                                                                                                     MERCK 1726
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US-10-092-246-12
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                                                                                                                                                                                                                                                                                                                                                                           RESULT 4
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; ORGANISM: Mouse hybridoma cell line 1A4A1
US-10-092-246-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE TYPE: protein US-08-553-497A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFIRM
; SEQ ID NO 12
rength: 120
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                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/08881037 Patent No. 6080588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 74.2%;
Best Local Similarity 22.9%;
Matches 25; Conservative 79
                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/092,246
CURRENT FILING DATE: 2002-03-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Nagata, Leslie
TITLE OF INVENTION: Cloning, Expression, Sequencing,
TITLE OF INVENTION: scfv Antibody Against Venzuelan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: The Minister of National Defence, Government of Canada APPLICANT: Fulton, R E APPLICANT: Alvi, Azhar E APPLICANT: Nagata, Leslie
                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: NEL-0007
                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                          APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 755 Page Mill Road
                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                            ZIP: 94304-1018
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SOFTWARE:
                                                                                                          COUNTRY:
                                                                                                                                 STATE:
                                                                                                                                                 CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13 KPGASVKLSCKASGYTFTSYWMHWVKQRPGQGLEWIGEIDPSDSYTYYNQKFKGKATLTV 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23;
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                                                                                                              USA
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PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 68.2%; Score 187.5; DB 4
21.1%; Pred. No. 0.00011;
ative 76; Mismatches
                                                                                                                                                                                                                            113
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Pred. No. 6.6e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9,
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Equine Encephalitis Virus (Vee)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         120;
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CURRENT APPLICATION DATA: US/08/881,037
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-UUN-1997

CLASSIFICATION:

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US-08-881-037-14
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PRIOR APPLICATION DATA:
US 08/443,540
PRIOR APPLICATION NUMBER: US 08/443,540
APPLICATION INDESER: US 08/443,540
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 2034421107
REGISTRATION NUMBER: 2034421107
REGISTRATION INFORMATION:
TELECOMOUNICATION INFORMATION:
TELECOMOUNICATION INFORMATION:
TELECOMOUNICATION 18024471072
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US-08-881-037-16
US-08-881-037-16
Sequence 16, Application US/08881037
Sequence 16, Application US/08881037
Sequence 16, Application US/08881037
GENERAL INFORMATION:
GICK, Gary D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
PILLING DATA US 08/443,540
PRIOR APPLICATION UNDER: US 08/443,540
APPLICATION UNDER: US 08/443,540
APPLICATION UNDER: US 08/473,540
PILING DATE: 18-MAY-1995
PRESENCE/DOCKET NUMBER: 2034421107
REFERENCE/DOCKET NUMBER: 2034421107
REFERENCE/DOCKET NUMBER: 2034421107
REFERENCE/DOCKET NUMBER: 34.203
REFERENCE/DOCKET NUMBER: 36.00
TELEPHONE: (650) 813-5600
TELEPHONE: (650) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
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APPLICANT: Swanson, Patrick C.
APPLI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94304-1018
ZIP: 94304-1018
COMPUTER READABLE FORM'.
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy metalible
COMPUTER: IBM PC COMPATIBLE
COMPUTER: DEPLOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PACEDIA RELEASE #1.0, Version #1.30
SOPTWARE: PACEDIA DATA:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/881,037 FILING DATE: 23-JUN-1997
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US-08-881-037-16
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US-08-881-037-61
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SEQUENCE CHARACTERISTICS:
SEQUENCE (11) amino acid
LENGTH: 111 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68.0%; Score 187; DB 3.
Query Match
Best Local Similarity 21.1%; Pred. No. 9e-05;
Best Local Similarity 76; Mismatches
Matches 23; Conservative 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    patent No.
GENERAL IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 61, Application US/08881037 patent No. 6080588
                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94304-1018
ZIP: 94304-1018
COMPUTER READABLE FORM:
COMPUTER: Ploppy disk
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PACHOLINE
SOFTWARE PACHOLINE
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/881,037
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-UN-1997
FILING DATE: 23-UN-1997
                                                                                             US-08-881-037-61
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TOPOLOGY: lir
                                                                                                                                                                                                                                CLASSIFICATION: 530
CLASSIFICATION DATA: US 08/443,540
PRIOR REPLICATION UMBER: US 08/443,540
APPLICATION UMBER: US 08/443,540
APPLICATION: 530
CLASSIFICATION: 530
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION: ARBERIANTION UMBER: 34,202
REGISTRATION UMBER: 2034421107
REFERENCE/DOCKET NUMBER: 2034421107
TELEPHONE: (650) 813-5600
TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SWANSON, PARTICS OF INVENTION: DUA BINDING ANTIBODIES TITLE OF INVENTED OF SPONTENCES: 113
                                                                                                                                                               INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
                                       Matches
                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        65 DKSSSTAYMQLSSLTSEDSAVYYCAXGR----LRYFAMDYWGQGTSVTV 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5 KDGASVKLSCKASGYTFTSYMMHWVKQKPQQGLEWIGEIDPSDSYTYYNQKFKGKATLTV
                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                 TOPOLOGY:
                                                                                                                                                         ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    111 amino acids
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linear
                                            al Similarity
23; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        R: Morrison & Foerster
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Glick, Gary D.
                                                                                                                                                       119 amino acids
                                                                                                                                                                                                                (650) 494-0792
                                                                                                        single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patrick C
                                                                                                                                                                                                                                                                                                                                                                                                                                   Release #1.0, Version #1.30
                                                 68.0%; Score 187; DB 3; Length 11
21.1%; Pred: No. 0.00012;
ative 76; Mismatches 6; Indels
                                                                                                                                                                                                                                                                      203442110710
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                                                                                          Length 119;
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US-08-235-838-11
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                                                                                                                                     RESULT 8
                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-881-037-62
Sequence 11, Application US/08235838
Patent No. 5571894
GENERAL INFORMATION:
APPLICANT: Wels, Winfried S.
APPLICANT: Hynes, Nancy E.
APPLICANT: Harwerth, Ina-Maria
                                                                                                                                                                                                                                                                                                                                             Query Match 68.0
Best Local Similarity 21.1
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 62, App. - 8080588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY, AGENT INFORMATION:
NAME: KONSKI, Antoinette F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 2034
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/443,540
FILING DATE: 18-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: /J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/OFFILING DATE: 23-JUN-1997 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (650) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 119 amino acids
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                                                                                                                                                                                                                               DKSSSTAYMQLSSLTSEDSAVYYCAKGR----LRYFAMDYWGQGTSVTV 117
                                                                                                                                                                                                                                                                    KPGASVKLSCKASGYTFTSYMMHWVKQRPGQGLEWIGEIDPSDSYTYYNQKFKGKATLTV
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21.1%; Pred. No. 0.00012;
ative 76; Mismatches 6;
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/235,838
PILING DATE: T345
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/828,832
PILING DATE: 31-JAN-1992
PRIOR APPLICATION NUMBER: GB 91-810079.3
PILING DATE: 05-PEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
PREFERENCE/DOCKET NUMBER: 36,129
PREFERENCE/DOCKET NUMBER: 36,129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (919)541-868
                                                                                                                                 APPLICANT: Wels, Winfi
APPLICANT: Hynes, Nan
APPLICANT: Harwerth,
APPLICANT: Groner, Be
APPLICANT: Hardman, N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 241 amino acids
                                                                        APPLICANT: Hardman, No. 5939531man
APPLICANT: Zwickl, Markus
TITLE OF INVENTION: Recombinant Antibodies Specific for
TITLE OF INVENTION: Growth Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Hawthorne STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: CIBA-GARDERET; 7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10532
                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                74
                                                                                                                                                                                                                                                                                                                                                                                                      14 RPGTSVKLSCKASDYTFTSYWMNWVKQRPGQGLEWIGMIDPSDSETQYNQMFKDKAALTV 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 XXXXXXXXXXXXXXXXXYMQXXXXXXXXXXXXXEIDPSDSYTNYNQKFKGXXXXXX 60
                                                                                                                                                                                                                                                                                                                                                                DKSSNTAYMQLSSLTSEDSAVYYCAKG-GASGDWYFDVWGQGTTVTVSS
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     564 Morris Avenue
                                                                                                                                                                        Hynes, Nancy E.
Harwerth, Ina-Maria
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Zwickl, Markus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Groner, Bernd
Hardman, No. 5571894man
                                                                                                                                                    Groner, Bernd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (919)541-8689
                                                                                                                                                                                                           Wels, Winfried
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                       NOVARTIS Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CIBA-GEIGY Corporation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               67.8%; Score 186.5; DB 1; 20.2%; Pred. No. 0.0015; mismatches 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Recombinant Antibodies Specific for a Growth Factor Receptor
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 91-6
APPLICATION SO-PEB-1991
FILING DATE: 05-PEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pfeiffer Harri
                                                                                                                                                                                                                                                                                                                                                                                                           당
                                                                                                                                                                                                                                                                                                                                                   RESULT 10
US-08-235-838-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELBEAX: (908)522 6955 11:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 07901-6940
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Pfeiffer, Hesna J. 640
REGISTRATION NUMBER: 22,640
REFERENCE/POCKET NUMBER: 4-1
REFERENCE/POCKET NUMBER: 4-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)522 6940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/828,832
FILING DATE: 31-JAN-1992
                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Summit
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                          tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
ZIP: 10524
COMPUTER READABLE FORM:
COMPUTER READABLE Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
COPTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                         TITLE OF INVENTION: Recombinant Antibodies Specific for a TITLE OF INVENTION: Growth Factor Receptor
                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                        ADDRESSEE:
                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14 RPGTSVKLSCKASDYTFTSYMMMVKQRPGQGLEWIGMIDPSDSETQYNQMFKDKAALTV 73
                                                                                                                                                                                                                                                                                                                                                                                                                                          16, Application US/08235838
5. 5571894
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                                                                                                                            Hawthorne
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nilarity 20.2%;
Conservative 76
                                                                                                               New
                                                                                                                                       B: CIBA-GEIGY Corporation 7 Skyline Drive
                                                                                                                                                                                                                                                                      Harwerth,
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                                                                                                                  York
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                                                                                                                                                                                                                                               No. 5571894man
                                                                                                                                                                                                                                                                          Ina-Maria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;; Score 186.5; DB 2;
;; Pred. No. 0.0015;
76; Mismatches 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4-18518/A/CIP/CONT2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 241;
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TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-235-838-16
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US-08-465-473B-16
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Best Local S
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INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
LENGTH: 637 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/828,832
FILING DATE: 31-JAN-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: 4-
TELECOMMUNICATION INPORMATION:
TELECHMUNICATION 1NPORMATION:
TELEPHONE: (919)541-8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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CLASSIFICATION: 435
CCLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 91-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hardman, No. 5939531man
APPLICANT: Zwickl, Markus
TITLE OF INVENTION: Recombinant Antibodies Specific for
TITLE OF INVENTION: Growth Factor Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PPLICANT:
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STREET: 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                               APPLICATION NUMBER: US/OF FILING DATE: 5 June 1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 wels, winfried S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NOVARTIS Corporation
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                                                                                                              US 07/828,832
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                       GB 91-810079.3
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RESULT 12
US-08-881-037-17
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US-08-881-037-17
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Patent No. 608058
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Best Local Similarity 20.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 637 amino acids
TYPE: amino acid
                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                          NAME: KONSKI, Antoinette F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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REFERENCE/DOCKET NUMBER: 4-1
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/443,540
PILING DATE: 18-MAX-1995
CLASSIFICATION: 530
                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 23-JUN CLASSIFICATION: 530
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CITY: Palo Alto
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                                                                                                                                               TELEFAX: (650) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE:
                 TOPOLOGY:
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                   linear
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                              single
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Query Match
Best Local Similarity
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Patent No. 608058
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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APPLICANT: Glick, Gary D.
                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: KORBKİ, ARTOİNETTE F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 2034
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-JUN-1997
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ZIP: 94304-1018
COMPUTER READABLE FORM:
COMPUTER TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0)
PILING DATE: 18-MAY-1995
CLASSIFICATION: 530
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: /--
                                                                                                                                                                                                                               STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                  TYPE: amino acid
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73 DKSSTTAYMQLSSLTSEDSAVYYCAKGR----LRYFAMDYWGQGTSVTV 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          65 DKSSTTAYMQLSSLTSEDSAVYYCAKGR----LRYFAMDYWGQGTSVTV 109
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                                                                                                       KPGASVKLSCKASGYTFTRYMMHWVKQRPGQGLEWIGEIDPSDSYTYYNQKFKGKATLTV 64
                                                                    KPGASVKLSCKASGYTFTRYWMHWVKQRPGQGLEWIGEIDPSDSYTYYNQKFKGKATLTV 72
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                                                                                                                                        66.2%; Score 182; DB 3; 1 ilarity 20.2%; Pred. No. 0.00027; Conservative 76; Mismatches 7;
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20.2%; Pred. No. 0.00021;
76. Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US 08/443,540
                                                                                                                                                                                                                                                                                                                        63:
                                                                                                                                                                                                                                                                                                                                                                                                               203442110710
                                                                                                                                                                             Length 119;
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RESULT 14

US-08-881-037-15

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RESULT 15
US-08-881-037-60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 60, Application US/08881037 Patent No. 6080588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 65.5%; Score 180; DB 3; Best Local Similarity 19.3%; Pred. No. 0.00029; Matches 21; Conservative 78; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/08881037 Patent No. 6080588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA.
ZIP: 94304-1018
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPATIBLE COMPATIBLE
COUNTRY: IEM PC COMPATIBLE
COUNTRY: PC-DOS/MS-DOS
COUNTRY: USA.
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
SEQUENCE 111 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-JUN-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/443,540
FILING DATE: 18-MAY-1995
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                        APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: KONSKI, Antoinette F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Glick, Gary D.
APPLICANT: Swanson, Patrick C.
TITLE OF INVENTION: DNA BINDING ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                 STREET: 755 Page
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 111 amino TYPE: amino acid STRANDEDNESS: sin
COUNTRY: USA
ZIP: 94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        65 DKSSSTAYMQLSSLTSEDSAVYYCAKGR----LRYFAMDYWGRGTSVTV 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 XXXXXXXXXXXXXXXXXXXYYMQXXXXXXXXXXXXXXIDPSDSYTNYNQXFKGXXXXXXX 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGASVKLSCKASGYTETSYMIHMVKQREGQGLEWIGEIDESDNYTYYNQKEKGKATLTV
                                                                                                                                                  B: Morrison & Foerster
755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      755 Page Mill Road
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ss: single
linear
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Search completed: February 20, 2004, 13:24:29 Job time: 14.3682 secs
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                                                                                                                                                                                                                                  Matches 21; Conservative
                                                                                                                                                                                                                                                    Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:

NAME: KONSKI, ANTOINETTE F.

REGISTRATION NUMBER: 34,202

REFERENCE/DOCKET NUMBER: 203442110710

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/881,037
FILING DATE: 23-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 18-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                  Match 65.5%; Score 180; DB 3; Length 119; Local Similarity 19.3%; Pred. No. 0.00037;
                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION
                                                                            73
                                                                                                                13 KPGASVKLSCKASGYTFTSYWIHWVKQRPGQGLEWIGEIDPSDNYTYYNQKFKGKATLTV 72
                                                                                                                                                                                            1 XXXXXXXXXXXXXXXXXYMMQXXXXXXXXXXXXXXEIDPSDSYTNYNQKFKGXXXXXX 60
                                                                            DKSSSTAYMQLSSLTSEDSAVYYCAKGR----LRYFAMDYWGRGTSVTV 117
                                                                                                                                                                                                                                                                                                                                                                                      119 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (650) 494-0792
                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Floppy disk
                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US 08/443,540
                                                                                                                                                                                                                                                                                                                                                                                                                               60
                                                                                                                                                                                                                                  78; Mismatches
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Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Regult
No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               protein search, using sw model
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238
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1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgm2_6/ptodata/1/iaa/backfiles1.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen
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Length DB
   Gapext 0.5
 US-08-483-636-73
US-08-483-632-73
US-08-483-636-58
US-08-483-636-58
US-08-483-636-2
US-08-483-636-2
US-08-491-845-8
US-08-491-845-8
US-08-491-378A-14
US-08-579-378A-14
US-08-579-378A-14
US-08-61-515-6
US-08-466-1515-6
US-08-466-1531-6
US-08-466-163B-6
US-08-466-163B-6
US-08-483-632-14
US-08-483-632-14
US-08-111-080-24
US-08-111-080-24
US-08-109-2070-6
US-08-109-2070-6
US-08-109-2070-6
US-08-109-2070-10
US-08-109-2070-10
US-08-109-2070-10
US-08-109-2070-10
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US-08-109-2070-10
US-08-109-2070-10
US-08-109-208-10
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                          Sequence 73, Appl
Sequence 58, Appl
Sequence 58, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 16, Appli
Sequence 11, Appl
Sequence 17, Appl
Sequence 18, Appl
Sequence 18, Appl
Sequence 19, Appl
Sequence 14, Appl
Sequence 6, Appli
Sequence 14, Appl
Sequence 14, Appl
Sequence 24, Appl
Sequence 25, Appli
Sequence 26, Appli
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 10, Appl
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Sequence 10, Appl
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US-08-483-636-73
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                                                                 STREET: P.O. Box 1539 / UW2220

STREE: PA

STATE: PA

STATE: PA

COUNTRY: USA
ZIP: 19406-0939
ZIP: 19406-0939

COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
MEDIUM TYPE: Ploppy disk
MEDIUM TYPE: PLOOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING DATE:
CLASSIFICATION NUMBER: US/08/483,636
FILING DATE:
CLASSIFICATION UMBER: US/08/483,636
FILING DATE:
APPLICATION NUMBER: US/08/117366
FILING DATE: 07-SEP-193
PRIOR APPLICATION NUMBER: US/08/136783
APPLICATION NUMBER: US/08/136783
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US/94/10308
APPLICATION NUMBER: 9CT/US/94/10308
APPLICATION NUMBER: 34-OCT-193
PRIOR APPLICATION NUMBER: 34-OS
PRILING DATE: 07-SEP-194
FILLING DATE: 07-SEP-194
ATTORNEY/ACENT NUMBER: 34,028
REGISTRATION NUMBER: 34,028
REGISTRATION NUMBER: 34,028
REGISTRATION NUMBER: 34,028
REGISTRATION NUMBER: 360186-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 270-5090
INFORMATION FOR SEO ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acid
PURPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Holmes, Stephen D.
APPLICANT: Gross, Mitchell S.
APPLICANT: Sylvester, Daniel R.
APPLICANT: Sylvester, Daniel R.
TITLE OF INVENTION: Recombinant IL4 Antibodies Useful ir
TITLE OF INVENTION: Treatment of IL4 Mediated Disorders
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: SmithKline Beecham Corp./Corporate ADDRESSEE: Intellectual Property STREET: P.O. Box 1539 / UW2220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       215
215
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211
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208
208
192
192
192
192
                        LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
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5914110
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ALIGNMENTS

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; TOPOLOGY: ur
; MOLECULE TYPE:
US-08-483-632-73
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                                                                                                                                                                                                                                         CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/117366
PILING DATE: 07-SEP-1993
PRIOR APPLICATION NUMBER: US 08/136783
PRIOR APPLICATION NUMBER: US 08/136783
PRIOR APPLICATION NUMBER: PCT/US/94/10308
PRIOR APPLICATION NUMBER: PCT/US/94/10308
PRIOR APPLICATION NUMBER: PCT/US/94/10308
PRIOR APPLICATION NUMBER: 97-8EP-1994
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: 950186-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 270-5024
INFORMATION FOR SEQ ID NO: 73:
PEDIEMPC CARACTERISTICS:
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US-08-483-632-73
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Best bour Matches
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Patent No. 5928904
                                  Query Match
Best Local Similarity
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                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 111 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/483,632 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Holmes, Stephen D.
APPLICANT: Gross, Mitchell S.
APPLICANT: Sylvester, Daniel R.
TITLE OF INVENTION: Recombinant IL4 Antibodies Useful in TITLE OF INVENTION: Treatment of IL4 Mediated Disorders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: SmithKline Beecham Corp./Corporate ADDRESSEE: Intellectual Property STREET: P.O. Box 1539 / UW2220 CITY: King of Prussia
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ZIP: 19406-0939
                 30;
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               97.1%; Score 231; DB 2; Length 111; ilarity 27.0%; Pred. No. 1.1e-07; Conservative 80; Mismatches 1; Indels
                                                                                                                                            unknown
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30; Cor 1 XXXXXX :::::: 20 DIVMT(h Simi	QUENCE CHARAC LENGTH: 131 TYPE: amino TOPOLOGY: 1: LECULE TYPE: B3-636-58	ATTORNEY/AGENT INFORMAY NAME: SUTTON, Jeffry REGISTRATION UNMEER: REFERENCE/DOCKET NUM TELECOMMUNICATION INFO TELEPHONE: (215) 270-1 TELEPAX: (215) 270-1 INFORMATION FOR SEO ID N	APPLICATION NUMBER: FILING DATE: 07-SEP- PRIOR APPLICATION DATA: APPLICATION NUMBER: FILING DATE: 14-OCT- PRIOR APPLICATION DATA: APPLICATION NUMBER: FILING DATE: 07-SEP-	COMPUTER READABLE FORM: MEDIUM TYPE: Floppy COMPUTER: IBM PC com OPERATING SYSTEM: PC SOFTWARE: PATENTION DATA APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 424 PRIOR APPLICATION DATA:	APPLICANT: SYLVEN APPLICANT: SYLVEN TITLE OF INVENTION: TITLE OF INVENTION: NUMBER OF SEQUENCES CORRESPONDENCE ADDR ADDRESSEE: Smith ADDRESSEE: Intel STREET: P.O. Box CITY: King of Pr STATE: PA COUNTRY: USA ZIP: 19406-0939	636-58 58, AL 0. 5914 INFORM	61 XXXXXX :::::: 61 GIPSRF	1 XXXXXX 1 DIVLTC
yat SL:	vat			FORMATI Jeffrey MBER: NUMBE INFORM 5) 270-50 270-50	UMBER: US 0 07-SEP-1993 (ION DATA: UJMBER: US 0 14-OCT-1993 (ION DATA: UMBER: PCT/ 07-SEP-1994	MEDIUM TYPE: Floppy disk MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS SOFTWARE: Patentin Release RRENT APPLICATION DATA: PILING DATE: US/08/4 CLASSIFICATION: 424:IOR APPLICATION DATA:	Sylvester, Daniel R. Sylvester, Daniel R. NVENTION: Recombinant II.4 Antibodies NVENTION: Treatment of II.4 Mediated D SEQUENCES: 75 ENCE ADDRESS: ES: SmithKline Beecham Corp./Corporate ES: Intellectual Property P.O. Box 1539 / UW2220 ting of Prussia PA: USA 103.	ion St	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXAS :::::: ERATINCKAS		97.1%; Score 27.0%; Pred. :ive 80; Mis	ťΩ	ON: , A. , A. 2R: P50186-3 RY: P50186-3 GATION: 5024 990 58:	US 08/117366 1993 US 08/136783 1993 -1993 -1994	MM: yy disk yy disk compatible pC-DOS/MS-DOS pC-DOS/MS-DOS ATA: US/08/483,636	Treatment of IL- Treatment of IL- Treatment of IL- Ts S: S: Line Beecham Cor Sctual Property 539 / UW2220 File UW2220	4.	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXAS ::::::: DRVTITCKAS
Mismatches KKASQSVDYDGDSY	matches	\sim			308	Version	IL4 Antibodies IL4 Mediated Orp./Corporaty		XXXXXXQQSN :::::: !ATYYCQQSN	QSVDYDGDSY
MNXXXXXXX ::::::: MNWYQQKPG		2; Length 131; 7; 1; Indels				#1.25	es Useful i d Disorders ate		EDPRTXXXXXXX ::::::: EDPPTFGQGTKVE	MNXXXXXXXX ::::::: MNXXXXXXXXX
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60 79	Gaps 0;									SNLES 60

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US-08-483-632-58
                                                                                                                                                                                                                                                                                                                      TYPE: amino acids
TYPE: amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-483-632-58
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PRIOR APPLICATION DATA:
US 08/117366
APPLICATION UNMBER:
APPLICATION UNMBER:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER:
US 08/136783
APPLICATION UNMBER:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER:
PCT/US/94/10308
APPLICATION UNMBER:
PCT/US/94/10308
APPLICATION UNMBER:
07-SEP-1994
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07-SEP-1994
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MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,632

PILING DATE:

FILING DATE:
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CORRESPONDENCE ADDRESS:
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                                                                                   US-08-483-636-2
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Best Local Similarity 27.0%;
Matches 30; Conservative 8
                                                                                                     RESULT 5
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                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (2.15) 2/0 (2.15) ENITORMATION FOR SEQ ID NO: 58: SEQUENCE CHARACTERISTICS: SEQUENCE CHARACTERISTICS:
Sequence 2, Application US/08483636
PATENT NO. 5914110
GENERAL INFORMATION:
APPLICANT: Holmes, Stephen D.
APPLICANT Gross, Mitchell S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: SUCCON, JEILLEY 3, 0.28
REGISTRATION NUMBER: 34, 0.28
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: 20, 20, 50, 58;
TELEFRONE: (215) 270-5090
TELEFRAX: (215) 270-5090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION:
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Gross, Mitchell S.
Sylvester, Daniel R.
                                                                                                                                                    80 GVPDRESGSGSGTDFTLTISSLQAEDVAVYYCQQSNEDPPTFGGGTKVEIK 130
                                                                                                                                                                                     USA
                                                                                                                                                                                                                    Jeffrey A.
Jeffrey A.
34,028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Recombinant IL4 Antibodies Useful in Treatment of IL4 Mediated Disorders
                                                                                                                                                                                                                                                                                              80; Mismatches
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                                                                                                                                                                                                                                                                                                              Score 231; DB 2; Length 131; pred. No. 2e-07;
                                                                                                                                                                                                                                                                                                           1; Indels
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COMPUTER READABLE FORM:

CMEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

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IITLE OF INVENTION: Recombinant II4 Antibodies Useful in TITLE OF INVENTION: Treatment of II4 Mediated Disorders NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
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PRIOR APPLICATION UNMERS:

MEPLICATION UNMERS:

14-OCT-1993

PRIOR APPLICATION DATA:

PCT/US

APPLICATION UNMERS:

PCT/US

APPLICATION UNMERS:

APPLICATION UNMERS:

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APPLICATION UNMERS:

TOTORNEY/AGENT INFORMATION:

ATTORNEY/AGENT INFORMATION:
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US-08-483-632-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 132 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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CRIOR APPLICATION DATA US 08/117366
APPLICATION NUMBER: US 08/117366
                                                                                                                                                                                                                                                                                   Sequence 2, Application US/08483632
Patent No. 5928904
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Sutton, Jeffrey A. 028
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P5.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 270-5024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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ADDRESSEE: Intellectual Property
ADDRESSEE: 1539 / UW2220
STREET: P.O. Box 1539 /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (215)
                                                                                                                                       APPLICANT: Holmes, Stephen D.
APPLICANT: Gross, Mitchell S.
APPLICANT: Sylvester, Daniel R.
APPLICANT: Sylvester, Daniel R.
TITLE OF INVENTION: Recombinant IL4 Antibodies Useful in TITLE OF INVENTION: Treatment of IL4 Mediated Disorders
TITLE OF INVENTION: Treatment of TL4 Mediated Disorders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        97.1%; Score 231; DB 2; Jocal Similarity 27.0%; Pred. No. 2.1e-07, Local Similarity 27.0%; Mismatches es 30; Conservative 80; Mismatches
                                                                               NUMBER OF SEQUENCES: 7. CORRESPONDENCE ADDRESS:
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ADDRESSEE:
STREET: P.
                                                 ADDRESSEE: SmithKline Beecham Corp./Corporate
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      EB: Intellectual property p.O. Box 1539 / UW2220
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RESULT 7
US-08-491-845-8
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                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/08491845
Patent No. 5773247
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: MAEDA, Hiroaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/
PILING DATE: 14-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US
APPLICATION OF-SEP-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 132 amino acids
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDÎUM TYPE; Floppy disk
                                                                                                                                                            APPLICANT: SHIOSAKI, Kouichi
APPLICANT: OSATOMI, Kiyoshi
APPLICANT: TOKIYOSHI, Sachio
TITLE OP INVENTION: RECOMBINANT
TITLE OF INVENTION: PROCESS FOR
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 07-SEP-1993
                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Sutton, Jeffrey A.
REGISTRATION NUMBER: 34,028
REFERENCE/DOCKET NUMBER: P5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 270-5024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy
                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                       APPLICANT:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                        CITY: Washington STATE: D.C.
                                                                                                           ADDRESSEE:
STREET: 41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Match 97.1%; Score 231; DB 2; socal Similarity 27.0%; Pred. No. 2.1e-07;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  81 GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCQQSNEDPPTFGGGTKLEIK 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXQQSNEDPRTXXXXXXXXXXXX 111
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                                                                                                           E: Browdy and Neimark
419 Seventh Street N.W. Ste.
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(215) 70 NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        P50186-3
                                                                                                                                                                                ANTI-HIV ANTIBODY AND PREPARING THE SAME
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RESULT 8
US-08-491-845-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/08491845
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INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: PCT/JP93/
PILING DATE: 14-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICATION NUMBER: US/08/
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JE
FILING DATE: 14-JAN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                        ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: MAEDA, Hiroaki
APPLICANT: KIMACHI, Kazuhiko
APPLICANT: EDA, Yasuyuki
                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: RECOMBINANT ANTI-HIV ANTIBODY AND TITLE OF INVENTION: PROCESS FOR PREPARING THE SAME NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: EDA, Yasuyuki
APPLICANT: SHIOSAKI, Kouich
APPLICANT: OSATOMI, Kiyoshi
APPLICANT: TOKIYOSHI, Sachi
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Local Similarity 27.0%; Pred. No. 1.3e-07;
les 30; Conservative 80; Mismatches 1; Indels
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
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                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 GIPARFSGSGSGTDFTLNIHPVEEEDGATYYCQQSNEDPWTFGGGTKLETK 111
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                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                Floppy disk
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737-3528,
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                                          PCT/JP93/00039
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 6114143
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                    TELEX: 248633
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/513,968 FILING DATE: 11-SEP-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 78913/1993
FILING DATE: 11-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20004
COMPUTER READABLE FORM:
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REFERENCE/DOCKET NUMBER: MA
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                  NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 25 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 111 amino acids TYPE: amino acid TOPOLOGY: linear
LENGTH: 115 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                          TELEPAX:
                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOKIYOSHI, Sachio INVENTION: ANTI-HIV MONOCLONAL ANTIBODY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/08513968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                              202-737-3528
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HIGUCHI, Hirofumi
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SHIOSAKI, Kouichi
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                                                                                                                                                                                    25,618
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                                                                                                                                                                      EDA=1
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                                                                                  US-08-579-378A-14
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US-08-579-378A-14
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                     Best
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Best Local Similarity
Matches 30; Conserv
  Matches
                                        Query Match
                                                                                                                                                                              TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIAN PC-DOS/MS-DOS
SOFTWARE: PATENTIAN PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,378A
FILING DATE: 27-DEC-1995
CLASSIFICIATION: 424
PRIOR APPLICATION NUMBER: US 08/160,074
APPLICATION NUMBER: US 08/160,074
APPLICATION NUMBER: US 08/160,074
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: EP 95114695.8
FILING DATE: 17-AUG-1995
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: EP 95114696.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 30-NOV-1993
PRIOR APPLICATION UNDER: US 07/983,946
FILING DATE: 01-DEC-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: EP 9
FILING DATE: 19-SEP-1995
ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew
ADDRESSEE: Townsend and Townsend and Crew
STREET: One MarketPlaza, Steuart Tower, Suite 2000
                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 415-326-2400
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Co, Man Sung TITLE OF INVENTION: Humanized J
                                                                                                                                                                                                                                                                                 NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 11823-002220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: San Francisco
STATE: California
                  Local Similarity
                                                                                                                          TOPOLOGY:
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                                                                                                                                                             LENGTH:
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                  96.6%; Score 230; DB 3; 27.0%; Pred. No. 2.4e-07;
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Mismatches
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                                        Length 131;
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US-08-579-378A-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/579,378A
FILING DATE: 27-DEC-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/160,074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
ATREET: One MarketPlaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: EP 95114696.8 FILING DATE: 19-SEP-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: EP 95112895.8 FILING DATE: 17-AUG-1995 PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 0:
FILING DATE: 01-DEC-1992
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                                                                                                                                                     Local
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OPERATING SYSTEM:
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5. 6210671
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                                                                                                                                       30;
                                                                                                                                     h 96.6%; Score 230; DB 3;
Similarity 27.0%; Pred. No. 2.4e-07;
30; Conservative 80; Mismatches 1
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                                                                 DIQMTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASNLES
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US-08-466-151-6

Sequence 6, Application US/08466151
Patent No. 6037453
GENERAL INFORMATION:

APPLICANT: Jardieu, Paula M. APPLICANT: Presta, Leonard G. TITLE OF INVENTION: Immunogle

Immunoglobulin Variants

NUMBER OF SEQUENCES: (CORRESPONDENCE ADDRESS

65

STREET:

1 DNA Way

Genentech, Inc

South San Francisco

ADDRESSEE:

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RESULT 13
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/578,95
FILING DATE: 27-Dec-95
APPLICATION NUMBER: EP 95 112
FILING DATE: 17-Aug-95
APPLICATION NUMBER: EP 95 114
FILING DATE: 19-Sep-95
ATTORNEY/AGENT INFORMATION:
NAME: NORMATION:
NAME: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (212) 688-92
TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compa
OPERATING SYSTEM: PC-D
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 10022
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
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                                                                                                   61 GIPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPWTFGQGTKVEIK 111
                                                                                                                                                            30;
                                                                                                                                                                                                                                                                                           DIQMTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMMWYQQKPGKAPKLLIYAASNLES
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Attn: Norman D. Hanson
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27.0%;
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Pred. No. 1.8e-06;
90; Mismatches 1
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COUNTRY:

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                                                      PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILING DATE: 1995-03-15
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR FILING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR FILING DATE: 1992-05-07
                                                                                                                                                                                                                                                                                   ENERAL INFORMATION:
                                                                                                                                                                    FILE REFERENCE: P0718P2C1D1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                   APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                             PPLICANT: Presta, Leonard G.
ITLE OF INVENTION: Immunoglobulin Variants
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FILING DATE: 07-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/7:
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FILING DATE: 26-JAN-
FRIOR APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 15-MAR-PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: 3.5 inc
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OPERATING SYSTEM: PC-DOS/M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 106 amino acids TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: PO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
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FILING DATE: 06-Jun-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/405617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ropology:
                    APPLICATION NUMBER: US 07/744,768 FILING DATE: 1991-08-14
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SEQ ID NOS: 64
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RESULT 15
US-08-483-636-14
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                                                   ; MOLECULE TYPE: protein US-08-483-636-14
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; ORGANISM: Mus musculus
US-08-466-163B-6
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Best Local Similarity
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/117366
FILING DATE: 07-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/136783
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US/94/10308
FILING DATE: 07-SEP-1994
                                                                                                                                                                 TELEFAX: (215) 270-50
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 13406-0939

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,636
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 424
PRIOR APPLICATION DATA:
US 08/117366
                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Holmes, Stephen D. APPLICANT: Gross, Mitchell S. APPLICANT: Sylvester, Daniel R. TITLE OF INVENTION: Recombinant
                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ITLE OF INVENTION:
                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                        NAME: Sutton, Jeffrey A. REGISTRATION NUMBER: 34, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: P.O. Box 1539
CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: SmithKline Beecham Corp./Corporate ADDRESSEE: Intellectual Property STREET: P.O. Box 1539 / UW2220
                                                                                                                                                                                  TELEPHONE: (215)
TELEFAX: (215) 2
                                                                                                                            ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCQQSNEDPFTFGAGT 106
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                                                                                                         amino acid
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                                                                                                                            131 amino acids
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ilarity 28.3%;
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94.5%;
26.1%;
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Pred. No. 2.5e-07;
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Query Match Best Local Similarity

Score 225; DB 2; Pred. No. 5.6e-07;

Search completed: Febru Job time : 15.6318 secs	D Q	g &	Matches
pleted 15.63	80 GY	1 XX 20 DI	29;
Search completed: February 20, 2004, 13:24:30 Job time : 15.6318 secs	61 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXQSNEDPRTXXXXXXXXXX 111	1 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	29; Conservative
2004,	CXXXXX	CXXXXX ::::::: SRATIN	80;
13:24:30	XXXXXXXXXXXQQSI ::::::::: QAEDVAVYYCQQSI	XKASQSVDYDGDS: : CKASQSVDYDGDS:	80; Mismatches
	NEDPR:	XAMINAS 	2;
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	K 13	WAIT	0;
	4 ٥	ASNLES ASNLES	0; Gaps
		60 79	0;

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Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database :
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score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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February 20, 2004, 13:23:52; Search time 0.331643 Seconds (without alignments) (275.794 Million cell updates/sec
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59
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/pcTUS_COMB.pep:*
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Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length
 GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
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US-08-219-237B-3

US-08-477-347-14

US-08-476-6821-5

US-08-468-560C-3

US-08-28-633A-15

US-09-280-633A-15

US-09-180-100-9

US-09-180-100-21

US-09-180-100-21

US-09-180-100-23

US-08-974-022-45

US-08-974-022-47

US-08-974-186-45

US-08-974-186-45

US-08-195-4468-13

US-08-195-443A-19

PCT-US95-17083-4

US-09-056-483A-3

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   Sequence 3, Appli
Sequence 14, Appl
Sequence 5, Appli
Sequence 15, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 9, Appli
Sequence 10, Appl
Sequence 21, Appl
Sequence 15, Appl
Sequence 23, Appl
Sequence 24, Appl
Sequence 45, Appl
Sequence 47, Appl
Sequence 48, Appl
Sequence 49, Appl
Sequence 49, Appl
Sequence 41, Appli
Sequence 3, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 3, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 6, Appli
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US-08-476-862-5
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                                                                                                                                             Sequence 5, Application US/08476862 Patent No. 6262239
                                                                                                                                                                                                                                                                                                                 Matches
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           APPLICANT: WALLACH, David
APPLICANT: BIGDA, Jacek
APPLICANT: BELETSKY, Igor
APPLICANT: METT, Igor
APPLICANT: ENGELMANN, Hartmut
TITLE OF INVENTION: TNF INHIBITORS
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-737-3528
TELEX: 248633
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Townsend, G. Kevin
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: WA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W.
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 08-JUL-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 106271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                               Match 100.0%;
Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 419 Sever CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/477,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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BELETSKY, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              METT,
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                                                                                                                                                                                                                                                                                                                                                                                                              ss: single
linear
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                                                                                                                                                                                                                                                                                                                               Score 59; DB 3; Length 119; Pred. No. 0.015;
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RESULT 4
US-08-468-560C-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/08468560C Patent No. 6270998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,862
FILING DATE: 07-UNN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: IL 107267
FILING DATE: 12-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
10-007-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
10-007-1990
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PRIOR APPLICATION DATA:
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PRIOR APPLICATIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:

APPLICANT: NAGATA, Shigekazu

APPLICANT: YONEHARA, Shin

APPLICANT: YONEHARA, Shin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: IL 91229
FILING DATE: 06-AUG-1989
PRIOR APPLICATION DATA:
APPLICATION DATA:
IL 90339
FILING DATE: 18-MAY-1989
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
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                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE TITLE OF INVENTION: ANTIGEN NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                         STATE:
                                                                                                      COUNTRY: USA
ZIP: 22040-0747
                                                                                                                                                                                               STREET: P.O. BUA /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 25 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                              ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP.
STREET: P.O. BOX 747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
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IBM PC compatible
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OPERATING SYSTEM:

PC-DOS/MS-DOS

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Patent No. 6469144

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES

NUMBER OF SEQUENCES: 28
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/U8/200, APPLICATION NUMBER: US/U8/200, PILING DATE: 06-JUN-1995
CLASSIFICATION: 435
CLASSIFICATION: 1700
ATTORNEY/AGENT INFORMATION:
NAME: MURPHY JR., GERLAD M.
NAME: MURPHY JR., GERLAD M.
NAME: MURPHY JR., GERLAD M.
NAME: 7000
NUMBER: 28,977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                               INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/828,683A ...
FILING DATE: 31-Mar-1997
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/625328
FILING DATE: 1-Apr-1996
APPLICATION NUMBER: 08/710802
FILING DATE: 23-Sep-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb i
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
                                                                                                                                                               NAME: Marschang, Diane L.
REGISTRATION NUMBER: 35,600
REFERENCE/DOCKET NUMBER: P1007P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RTONTKCRCK 10
                   TYPE: Amino Acid TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: South San Francisco
STATE: California
                                                                                                                         TELEPHONE: 650/225-5416
TELEPAX: 650/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94080
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STREET: 1 DNA Way
                                                           LENGTH: 119 amino acids
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Pred. No. 0.015;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-828-683A-15
Matches
              Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                         APPLICATION NUMBER: IL 91229
FILING DATE: 06-AUG-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 90339
FILING DATE: 18-MAY-1989
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: ENGELMANN, Hartmut
TITLE OF INVENTION: THE INHIBITORS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/800,909
                                                                                                                                                                                                          NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WAITELECOMMUNICATION INFORMATION:
                                                                            MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/476,80
PILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 94039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 06-APR-PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 419 sever CITY: Washington
                                                                                          TOPOLOGY: 1i
                                                                                                                                                                                                  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE
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                                                                                                                                      ENGTH:
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5. 6555111
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l Similarity
10; Conserv
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419 Seventh Street, N.W.
                                                                                                                                      119 amino acids
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Conservative
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linear
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KY, Igor
              100.0%;
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            Score 59; DB 4;
Pred. No. 0.015;
 Mismatches
                              DB 4; Length 119;
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1 RTQNTKCRCK 10

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RTQNTKCRCK 84

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 143
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-180-100-10
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APPLICANT: NAGATA, Shigekazu
TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/180,100
CURRENT FILING DATE: 1998-11-02
EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
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US-09-180-100-10
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US-09-180-100-9
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; ORGANISM: Homo sapiens
US-09-180-100-9
                         Sequence 21, Application US/09180100
Patent No. 6306395
GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. 630639510
APPLICANT: NACATA, Shigekazu
TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
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GENERAL INFORMATION:
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Best Local Similarity 100.0%;
Matches 10; Conservative 0
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APPLICANT: NACATA, Shigekazu
TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/180,100
CURRENT FILING DATE: 1998-11-02
EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
CURRENT APPLICATION NUMBER: US/09/180,100
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Pred. No. 0.018;
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APPLICANT: NAKAMURA, No. 630639510

APPLICANT: NAKAMURA, Shigekazu

TITLE OF INVENTION: NOVEL Fase ANTIGEN DERIVATIVE

FILE REFERENCE: 1110-207P

CURRENT APPLICATION NUMBER: US/09/180,100

CURRENT FILING DATE: 1998-11-02

EARLIER APPLICATION NUMBER: PCT/JP97/01502

EARLIER APPLICATION NUMBER: PCT/JP97/01502

EARLIER APPLICATION NUMBER: PCT/JP97/01502

EARLIER FILING DATE: 1997-05-01

NUMBER OF SEQ ID NOS: 25

SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 15
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US-09-180-100-15
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                                                            ; ORGANISM: Homo sapiens US-09-180-100-23
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US-09-180-100-23
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                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. 6306395io
APPLICANT: NAKAMURA, No. 6306395io
APPLICANT: NAKAMURA, Shigekazu
APPLICANT: NAKAMURA, Shigekazu
TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207F
CURRENT FILING DATE: 1996-11-02
EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER FILING DATE: 1997-05-01
                                                                                                                   SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 159
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Query Match
Best Local Similarity
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Patent No. 630639
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Best Local Similarity
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EARLIER APPLICATION NUMBER: PCT/JP97/01502
EARLIER FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
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TYPE: PRT
                                                                                                   TYPE: PRT
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nilarity 100.0%;
Conservative 0
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    100.0%;
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      Score 59;
Pred. No.
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      DB 4;
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US-08-974-022-45
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US-08-828-683A-22
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                                                                                                                                                                 Sequence 45, Application US/08974022 Patent No. 6015938
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GENERAL INFORMATION:
                                                     GENERAL INFORMATION:
APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/625328
FILING DATE: 1-Apr-1996
APPLICATION NUMBER: 08/710802
FILING DATE: 23-Sep-1996
ATTORNEY/AGENT INFORMATION:
NAME: Marschang, Diane L.
REGISTRATION NUMBER: 35,600
REFERENCE/DOCKET NUMBER: p1007P1
                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5416
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TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: winPatin (Genentech)
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CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: California
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US-08-795-445A-45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 45, Application US/08795445A Patent No. 6284485
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO: 5 SEQUENCE CHARACTERISTICS:
REFERENCE/DOCKET NUMBER: A INFORMATION FOR SEQ ID NO: 45: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                 STREET: 1840 CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                     FILING DATE:
ATTORNEY/AGENT INFORMATION
NAME: Winter, Robert B.
                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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NAME: Winter, Robert B.
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
ITTLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
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1840 Dehavilland Drive
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Matches Query Match

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APPLICATION NUMBER: US/08/
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: A:
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-447A-45
Search completed: February 20, 2004, 13:35:01 Job time : 1.33164 secs
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US-08-795-447A-45
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Boyle, William J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Obteoprotegerin
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
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ZIP: 91362-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPARIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 5
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STREET: One Amgen Center Drive
CITY: Thousand Oaks
STATE: California
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
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    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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seq length: 2000000000
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Match
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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  Gapext 0.5
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US-09-301-593-36
US-08-467-3528-13
US-08-466-151-9
US-09-109-207C-13
US-09-282-505-1
US-09-282-646-1
US-09-680-145-1
US-09-680-145-1
US-09-680-145-1
US-09-680-145-1
US-09-680-145-1
US-09-887-3528-19
US-08-887-3528-19
US-08-887-3528-19
US-09-109-207C-15
US-09-109-207C-17
US-09-109-207C-24
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US-09-109-207C-24
US-09-296-005-17
US-09-296-005-17
US-09-296-005-24
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US-08-487-550-6
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Sequence 2, Appli
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; MOLECULE TY PCT-US96-13152-2

STRANDEDNESS: single TOPOLOGY: linear OLECULE TYPE: protein TYPE: amino acid

TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
ENCOURTE CHARACTERISTICS:

Query Match 82.8%; Sometive 89.9%; Puratches 196; Conservative 11;

Score 1032; DB 5; Pred. No. 1.5e-78; 1; Mismatches 11;

Length 218; Indels

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SOFTWARE: ASCI APPLICATION NUM PILING DATE: CLASSIFICATION: CLASSIFICATION: APPLICATION NUM APPLICATION NUM FILING DATE: 1 APPLICATION NUM FILING DATE: 1 A	T 1 S96-13152-2 LUANCE 2, Appli, NERAL INFORMAT. APPLICANT: MA: TITLE OF INVEN' NUMBER OF SEQUI CORRESSEE: J STREET: 805 CITY: New Y; STATE: New Y; COUNTRY: U.: STATE: New Y; COMPUTER: 11022 COMPUTER: I.	940.5 940.5 940.5 940.5 940.5 930.5 937.9 935.5 935.5 935.5 935.5 935.5 935.5
NUMB 27 NUMB 27 NUMB 10 NUMB 17 NUMB 1	plicati MATION: MATION	77.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.
TION DATA: TION DATA: N: N: ON DATA: UNBER: PCT/US9 UNBER: 08/578, 27-Dec-95 UMBER: EP 95 1 17-Aug-95 UMBER: EP 95 1 17-Aug-95 UMBER: EP 95 1 19-Sep-95 INFORMATION: D. HANGON NUMBER: 30,946 KETI NUMBER: 0946 ON INFORMATION: ON INFORMATION: ON INFORMATION: ON INFORMATION: ON INFORMATION:	0 A 280 C	22222222222222222222222222222222222222
PCT/US96/1315 PCT/US96/1315 08/578,953 95 EP 95 112 895 EP 95 114 969 95 95 91 100 100 101 101 101	syele et ble pl.	3 US-0 3 US-0 3 US-0 3 US-0 3 US-0 3 US-0 5 US-0 5 US-0 5 US-0 5 US-0 5 US-0 7 US-0 7 US-0 8 US-0 8 US-0 8 US-0 9 US-0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
13152 895.8 969.9 1059-PCT-PFF/NDH	3152 al. ctin antibodies thanson	US-09-049-672A-6 US-07-934-373C-25 US-08-447-642B-25 US-08-147-206C-25 PCT-US93-07832-25 US-09-171-945-97 US-09-301-393-373C-39 US-08-437-642B-39 PCT-US93-07832-39 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-899-575-153 US-08-171-945-99 US-07-934-373C-40 US-08-788-800-11 US-08-437-642B-40
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	prevention of	Sequence Sequence
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US-09-301-593-36
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Sequence 13, Application US/08887352B Patent No. 5994511
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonal TITLE OF INVENTION: Improved Anti-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 36
LENGTH: 240
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TITLE OF INVENTION: PAP-specific Antibody with Improved Producibility
FILE REPERENCE: 0652.1890001

CURRENT APPLICATION NUMBER: US/09/301,593A

CURRENT FILING DATE: 1999-04-29

EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER FILING DATE: 1998-04-30

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER FILING DATE: 1998-05-18

EARLIER FILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SOFTWARE: Patentin Ver. 2.0
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APPLICANT: Garin-Chesa, Pila
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
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                                                                                                                                                                                                                                                                                               121 PLTFGQGTKVBIKRTVAAPSVFIFPPSDBQLKSGTASVVCLLNNFYPRBAKVQWKVDNAL 180
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Similarity 82.1%;
                                                                                                                                                                                                                                                                                                                                                                             WYQQKPQQPFKLLIFWASTRESGVPDRFSGSGFGTDFTLTISSLQAEDVAVYYCQQYFSY 120
                                                                                                                                                                                                                 QSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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                           Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of
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; Pred. No. 3.5e-78;
20; Mismatches 21;
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                                                  John Lowe
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US-08-887-352B-13
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM FC compatible

OPERATING SYSTEM: FC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA;

APPLICATION NUMBER: US/08/887,352B

APILIAG DATE: 03-Jul-1997

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 13:
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                   STREET: 1 L... STREET: 1 SOUTH San Fra CITY: South San Fra CTATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
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STATE: California
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San Francisco
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APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M.
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Met
FILL REFERENCE: P1123R1
CURRENT APPLICATION NUMBER: US/09/109,207C
CURRENT FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/051,554
PRIOR FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 44
SEQ ID NO 13
LENGTH: 218
TYPE: PRI
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US-09-109-207C-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 13, Application US/09109207C Patent No. 6172213
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 193; Conservative
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
              FEATURE:
NAME/KEY: Artificial
                                                                                  ORGANISM: Artificial
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P0718P2C1D1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: 07/879495
FILING DATE: 07-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/744768
FILING DATE: 14-AUG-1991
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FILING DATE: 15-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/185899
FILING DATE: 26-JAN-1994
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US
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FILING DATE: 06-Jun-1995
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TYPE: Amino Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Linear
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88.5%;
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Method of Improving Polypeptide
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RESULT 7
US-08-466-163B-9
; Sequence 9, Application
; Patent No. 6329509
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; OTHER INFORMATION: Light chain sequence derived from MAE11 US-09-109-207C-13
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Sequence 13, Application US/09296005

Patent No. 6299957

GENERAL INFORMATION:

APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides
FILE REFERENCE: P1123C1r
CURRENT APPLICATION NUMBER: US/09/296,005
CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER FILING DATE: 1997-07-02
RUMBER OF SEQ ID NOS: 26
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Best Local Similarity 88.5%;
Matches 193; Conservative 1
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Best Local S
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LENGTH: 218
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                   STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
                                                                                                                                                 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
                                                                                                                                                                                                                     DIQLTQSPSSLSASVGDRVTITCRASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASYLES
STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
                                                                       IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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88.5%;
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                                                                                                                                                                                                                                                                                                                   Score 1018; DB 3; Pred. No. 2.1e-77;
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; OTHER INFORMATION: humanized maell, version 1, light chain
US-08-466-163B-9
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APPLICANT: Presta, Leonard G.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: P0718P2C1D1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT FILLING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILLING DATE: 1995-03-15
PRIOR PPLICATION NUMBER: US 08/185,899
PRIOR FILLING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR FILLING DATE: 1992-05-07
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR FILLING DATE: 1991-08-14
                                                                                                                               US-09-282-505-1
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GENERAL INFORMATION:
                                                                      Query Match
Best Local Similarity
                                                                                                                                            NAME/KEY: Artificial Sequence
LOCATION: 1-218
OTHER INFORMATION: Sequence is
Patent No. 6194551
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SEQ ID NO 1
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SEQ ID NO 9
LENGTH: 218
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                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/282,505A
CURRENT FILING DATE: 1999-03-31
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
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                                                         Conservative
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                                                                        79.9%; Score 995; DB 3; 86.7%; Pred. No. 1.7e-75;
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Pred. No. 2.1e-77;
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                                                                                               APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REPERRINCE: P126GR2
CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
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Patent No. 6242195
GENERAL INFORMATION:
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Patent No. 6528624
GENERAL INFORMATION:
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SEQ ID NO 1
LENGTH: 218
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
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NAME/KEY: Artificial Sequence LOCATION: 1-218
                                ORGANISM: Artificial Sequence FEATURE:
                                                                LENGTH: 218
TYPE: PRT
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Pred. No. 1.7e-75;
5; Mismatches 14
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; Sequence 1, Application US/09680145
; Patent NO. 6538124
; GENERAL INFORMATION:
APPLICANT: Bsohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
; FILE REFERENCE: P1266R1
; CURRENT APPLICATION NUMBER: US/09/680,145
; CURRENT ETLING DATE: 2000-10-03
; PRIOR FILING DATE: 1999-03-13
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US-09-680-145-1
                RESULT 12
US-08-887-352B-15
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NAME/KNY: Artificial Sequence
LOCATION: 1-218
OTHER INFORMATION: Sequence is completely synthesized
Patent No. 6538124
Sequence 15,
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LENGTH: 218
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Best Local Similarity
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Application US/08887352B
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Pred. No. 1.7e-75;
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Pred. No. 1.7e-75;
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                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Henry B.
TITLE OF INVENTION:
TITLE OF INVENTION:
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
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MEDIUM TYPE: 3.5 inch, 1.44 Mb i
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                             NUMBER OF SEQUENCES:
                 STATE: C
                                                     STREET:
CITY: S
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STATE: California
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94080
                                                     South San Francisco
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Amino Acid
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Improved Anti-IgE Antibodies and Method of
Improving Polypeptides
                                                                                                                             Improving
26
                                                                                                                                           Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of Improving Polypeptides
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Patent No. 5994511
GENERAL INFORMATION:
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APPLICATION UNMBER: US/08/
FILING DATE: 03-Jul-1997
CLASSIFICATION: 1530
ATTORNEY_AGENT INFORMATION:
NAME: Syoboda, Craig G.
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SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                       SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/887,352B
FILING DATE: 03-U1-1997
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgB Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
                                     ATTORNEY/AGENT INFORMATION: NAME: Svoboda, Craig G.
                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                     CITY: South San Francisco
STATE: California
REFERENCE/DOCKET NUMBER:
                  NAME: Svoboda, Craig G. REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                               ZIP: 94080
                                                                                                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 TFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 218
                                                                                                                                                                                                                                                                                                                                             1 DNA Way
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                                                                                                                                                                                                                                                                                                                                                             Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           inch, 1.44 Mb floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79.6%; Score 992; DB 2; 86.2%; Pred. No. 3.1e-75;
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                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPacin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: SVODOda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 39,044
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                                 Query Match
Best Local Similarity
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APPLICANT: Henry
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INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                      TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid
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                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid
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CORRESPONDENCE ADDRESS:
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TYPE: Amino Acid
                                                                                                                                                                                                                 LENGTH: 218 amino acids TYPE: Amino Acid
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STATE: California
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79.6%; Score 992; DB 2;
86.2%; Pred. No. 3.1e-75;
tive 16; Mismatches 14
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Matches 188;

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Search completed: February 20, 2004, 13:35:02 Job time : 7.89311 secs

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/JCS06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/US10R_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10R_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10R_PUBCOMB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10R_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10R_PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10R_PUB.pep:*
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1242
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

45	44	43	42	41	40	39	38	37	36	35	34	3	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
1026	1026	1026	1026.5	1026.5	1026.5	1026.5	1031	1031	1031	1031	1031	1033	1036	1038	1040	1044.5	1045	1047	1048	1061.5	1124	1124	1124	1124	1134	1134	1134	1134	
82.6		82.6		82.6	82.6			83.0	83.0	83.0	83.0	83.2	83.4	83.6	83.7	84.1	84.1	84.3	84.4	85.5	90.5	90.5	90.5	90.5	91.3	91.3	91.3	91.3	
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US-10-171-452A-39	US-10-353-708-57	-10-353	US-10-291-265-807	US-10-291-265-806	US-10-291-265-805	US-10-291-265-804	US-10-113-996-13	US-09-925-179-9	US-09-920-171-13	US-09-802-096-9	US-09-802-077-9	US-10-159-006-36	US-10-449-566-98	US-09-925-179-67	US-09-859-053-38	US-10-153-382-11	US-09-917-410-2	US-10-153-382-15	US-09-859-053-34	US-10-153-382-7	US-10-171-452A-50	US-10-171-452A-44	US-10-353-708-50	US-10-353-708-44	US-10-171-452A-56	US-10-171-452A-38	US-10-353-708-56	US-10-353-708-38	1 1 1
Sequence 39, Appl	57,	Sequence 39, Appl	807	806		804	13,			Sequence 9, Appli		Sequence 36, Appl	•	Sequence 67, Appl	38,	e 1	'n	μ.	34	Sequence 7, Appli	50	•	50	44,	56	Sequence 38, Appl	56,	Sequence 38, Appl	,

ALIGNMENTS

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US-10-216-484-50
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LENGTH: 238
TYPE: PRT
                                                                                                                                                                             Sequence 107, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Best Local !
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APPLICANT: Serizawa, No. US20030170817Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Nakahara, Kaori APPLICANT: Tamaki, Ikuko APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/384,933
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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vo. US20030103976A1
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; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-107
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PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
                                                                                   Matches
                                                                                                    Query Match
Best Local (
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Publication No.
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Best Local Similarity
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
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TITLE OF INVENTION: Anti-Fas Antibodies
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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ORGANISM: Artificial Sequence
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                                                                                   Conservative
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2; Mismatches 1
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61 QQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTISRLEPADFAVYYCQQSNEDPR 120

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RESULT 5
US-10-384-933-52
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                                                                                                                                                                                                        US-10-216-484-52
                                                                                                                                                                                                                           RESULT 6
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CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PRILING DATE: 2000-02-09
PRIOR PRILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
LENGTH: 238
                                                                                                                                          Sequence 52, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
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Best Local 9
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
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                                                                              APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas
FILE REFERENCE: 980126CIP/HG
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No. US20030170817A1
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97.1%;
                           Antibodies
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Pred. No. 1.1e-86;
1; Mismatches 6;
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, OTHER INFORMATION: Description of Artificial Sequence: Designed light , OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-52
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US-10-384-933-109
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
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Best Local Similarity
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Publication No. US20030170817A1
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LENGTH: 238
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                                                                           Matches
                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                    APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                               Local Similarity
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                      METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
METDTILLWVLLLMVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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97.1%;
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1; Mismatches
                                                                                             Score 1195; DB 12
Pred. No. 3.8e-86;
                                                                             Mismatches
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RESULT 9
US-10-384-933-54
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US-10-216-484-109
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LENGTH: 238
TYPE: PRT
                                                                                                                                 Sequence 54, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Publication No. US20030103976A1
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                         APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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CANT: Tamaki, Ikuko
CANT: Takahashi, Tohru
OF INVENTION: Anti-Fas Antibodies
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96.2%; Score 1195; DB 15; 96.2%; Pred. No. 3.8e-86; tive 3; Mismatches 6;
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 1908-04-01
NUMBER: OF SEQ ID NOS: 165
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US-10-216-484-54
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CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-00-09
PRIOR PILING DATE: 2000-00-09
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 54
LENGTH: 238
                                                                                                                                                                                                                                                      SEQ ID NO 54
LENGTH: 238
                                                                       Matches
                                                                                       Query Match
Best Local Similarity
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                                                                                                                                                              FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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96.2%;
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                                                                        2; Mismatches
                                                                                       Score 1194; DB 15
Pred. No. 4.6e-86;
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Pred. No. 4.6e-86;
2; Mismatches 7
                                                                                                          DB 15;
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RESULT 12
US-10-216-484-129
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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
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PRIOR PILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
                                                                                                                                Sequence 129, Application US/10216484 Publication No. US20030103976A1
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Best Local &
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Anti-Pas Antibodies FILE REPERENCE: 980126CTP/HG CURRENT APPLICATION NUMBER: US/10/384,9: CURRENT FILING DATE: 2003-02-05
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US-10-384-933-131
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LENGTH: 238
TYPE: PRT
                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 131, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
      Matches
                          Query Match
Best Local Similarity
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Best Local |
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CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OP INZENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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                                                                                                                                                        FEATURE:
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      Conservative
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                      94.18;
92.98;
9;
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                      Score 1169; DB 12
Pred. No. 4.2e-84;
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Pred. No. 2.4e-84;
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      Mismatches
                                            DB 12;
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1 METDTILLMVLLLMVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY

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APPLICANT: Takahashi, Tohru
TITLE OP INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
FURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PILING DATE: 12000-02-09
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
TYPE: PRT
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US-10-216-484-131
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                                                                                                                                   US-10-384-933-127
                                                                                                                                                      RESULT 15
                                                                           Sequence 127, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Matches
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Publication No.
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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Nakahara, Kaori
Tamaki, Ikuko
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o. US20030103976A1
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92.9%;
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Pred. No. 4.2e-84;
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; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-127
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Best Local Similarity
Matches 220; Conserv
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LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01 NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,93
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
 181
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                                                                                           121 TFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLUNFYPREAKVQWKVDNALQS 180
                                                                                                                                          61 QQKPGKAPKILIYAASNIESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
                                                                                                                                                                              61
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                                                                                                                                                                     QQKPGQAPRLLIYAASNLESGIPDRPSGSGSGTDFTLTISRLEPADFAVYYCQQSNEDPR 120
                        GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSENRGEC 238
                                                                     TEGOCTKVEIKRTVAAPSVEIFPPSDEOLKSGTASVVCLLNNEYPREAKVOWKVDNALOS
94.0%; Score 1168; DB 92.4%; Pred. No. 5e-84;
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Search completed: February 20, 2004, 14:25:29
Job time : 18.0486 secs

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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence:
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                               1005
974.5
971
                                                                              US-09-499-662-50
1242
1 METDTILLWVILLS
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Gapop 10.0 , Gapext 0.5
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Match Length
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Copyright (c) 1993 - 2004 Compugen Ltd.
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/cgm2_6/prodata/1/iaa/backfIles1.pep:*
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US-09-301-593-36
US-08-887-352B-13
US-08-16-151-9
US-09-199-207C-13
US-09-282-505-1
US-09-282-505-1
US-09-282-846-1
US-09-282-846-1
US-09-282-846-1
US-09-887-352B-17
US-08-887-352B-17
US-08-887-352B-17
US-08-887-352B-17
US-08-1887-352B-17
US-08-1887-352B-17
US-08-1987-352B-17
US-08-1987-352B-17
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US-09-296-005-24
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1275.794 Million cell updates/sec
                                                                      sequence 2, Appli
sequence 36, Appl
sequence 13, Appli
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PCT-US96-13152-2
                Query Match
Best Local Similarity 90.1
Matches 198; Conservative
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954.5 954.5 954.5 954.5 953.5 953.5 953.5 953.5 947.5 947.5
76.9 76.9 76.9 76.9 76.8 76.8 76.8 76.5 76.5 76.5 76.5
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US-09-526-098-6 US-08-276-852-153 US-08-899-575-153 US-08-899-575-153 PCT-US95-0874-153 US-07-934-373C-25 US-08-437-642B-25 US-08-437-642B-25 PCT-US93-07832-25 PCT-US93-07832-25 PCT-US93-07832-39 PCT-US93-07832-39 PCT-US93-07832-39 US-08-437-642B-39 PCT-US93-07832-39 US-08-437-642B-39 PCT-US93-07832-39 US-08-157-101A-5 US-08-480-753-6 US-09-041-889-11 US-09-041-889-11 US-09-0417-264-11 US-09-417-264-11 US-09-417-264-11
Sequence 6, Appli Sequence 153, App Sequence 153, App Sequence 153, App Sequence 153, App Sequence 25, Appl Sequence 25, Appl Sequence 25, Appl Sequence 25, Appl Sequence 25, Appl Sequence 39, Appl Sequence 39, Appl Sequence 39, Appl Sequence 5, Appli Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl Sequence 11, Appl

ALIGNMENTS

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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-13152-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application PC/TUS9613152
GENERAL INFORMATION:
APPLICANT: Martin, Ulrich, et al.
TITLE OF INVENTION: Anti-selectin antibodies for prevention of multiple organ
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Computer Disk
MEDIUM TYPE: 3.5" Computer Disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/13152
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER: 08/578,953

APPLICATION NUMBER: 08/578,953

PILING DATE: 27-Dec-95

PILING DATE: 17-AUG-95

PILING DATE: 17-AUG-95

PILING DATE: 19-Sep-95

PILING DATE: 19-Sep-95

PILING DATE: 19-Sep-95

ATTORNEY/AGENT INFORMATION:
NAME: NORTH INFORMATION:
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: BOER 1059-PCT
RELEPHONE: (212) 688-9200

TELEPHONE: (212) 688-9200
                                                                                                                                                                                                   TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Felfe & Lynch
ADDRESSEE: Attn: Norman D.
STREET: 805 Third Avenue
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
84.1%; Score 1045; DB 5; 90.8%; Pred. No. 4.4e-83; tive 10; Mismatches 10;
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                                                       Length 218;
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Gaps

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APPLICANT: Park, John E.

APPLICANT: Garin-Chesa, Pilar

APPLICANT: Bamberger, Uwe

APPLICANT: Leger, Olivier

APPLICANT: Leger, Olivier

APPLICANT: Saldanha, Jose W.

APPLICANT: Rettig, Wolfgang J.

TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility

FILE REFERENCE: 0652.1890001

CURRENT FILING DATE: 1999-04-29

EARLIER APPLICATION NUMBER: US/09/301,593A

CURRENT FILING DATE: 1998-04-30

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER FILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SOPTWARE: Patentin Ver. 2.0
                                                                                                                US-08-887-352B-13
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; Sequence 13, Application Patent No. 594511 ; GENERAL INFORMATION: APPLICANT: Henry B. I TITLE OF INVENTION: 1
                                                                                                                                  RESULT 3
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Best Local Similarity 82.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                               PRTFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNAL 178
                                                                                                                                                                                                                                                                                                                                                        WYQQKPGQPPKLLIFWASTRESGVPDRFSGSGFGTDFTLTISSLQAEDVAVYYCQQYFSY 120
                                                                                                                                                                                                                                                                                                                                                                                                WYQQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTISRLEPADFAVYYCQQSNED 118
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                                                                                                                                                                                               QSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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                                                                                         Application US/08887352B
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          Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US/09301593A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19; Mismatches
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Pred. No. 5.4e-82;
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                                   John Lowe
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Matches
                                                                                                                                                                                                                                                                                                               Sequence 9, Application Patent No. 6037453 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                              STREET: 1 L...
STREET: 1 L...
CITY: South San Fra
CTATE: California
                                                                                                                                                                                                             NUMBER OF SEQUENCES: (CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                   APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: SVODODA, CTAIG G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Product 83.0%; Score 1031; DB 2; Local Similarity 89.4%; Pred. No. 7.2e-82; 198 195; Conservative 12; Mismatches 11
                                                                                           ZIP: 94080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/887,352B FILING DATE: 03-Jul-1997 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: South San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                                                                          Genentech,
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                                                                                                                                                     Francisco
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26
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                                                                                                                                                                                          Inc.
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Length 218; Indels

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                                                                                                                                                    Sequence 13, Application US/09109207C
Patent No. 6172213
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Presta, Pa
TITLE OF INVENTION: Improved Anti-IgE Antibodies
FILS REFERENCE: P1123R1
CURRENT APPLICATION NUMBER: US/09/109,207C
CURRENT FILING DATE: 1998-06-30
CURRENT FILING DATE: 1998-06-30
                                                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 195; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 83.0%;
Best Local Similarity 89.4%;
                                                                                                                     CURRENT FILING DATE: 1998-06-30 PRIOR APPLICATION NUMBER: US 60/051,554 PRIOR FILING DATE: 1997-07-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 9:
                  ORGANISM: Artificial FEATURE:
                                                       TYPE: PRT
                                                                     LENGTH: 218
 WAME/KEY: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: POTELECOMMUNICATION INFORMATION: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 07/744768
FILING DATE: 14-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: SVODOda, CTaig G.
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/16
PILING DATE: 26-JAN-1994
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CURRENT APPLICATION DATA:
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Pred. No. 7.2e-82;
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Method of Improving Polypeptide
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US-08-466-163B-9
; Sequence 9, Application US/08466163B
; Patent No. 6329509
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; OTHER INFORMATION: Light chain sequence derived from MAE11 US-09-109-207C-13
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Patent No. 6290957
GENERAL INFORMATION:
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LENGTH: 218
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CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides
FILE REFERENCE: P1123C1r
                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: Artificial
LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from MAE11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial
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STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 218
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Pred. No. 7.2e-82;
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; OTHER INFORMATION: humanized maell, version 1, light chain US-08-466-163B-9
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TITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: P0718P2CID1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILING DATE: 1995-03-15
PRIOR PILING DATE: 1995-03-15
PRIOR FILING DATE: 1994-01-26
PRIOR FILING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR FILING DATE: 1992-05-07
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR PILING DATE: 1991-08-14
                                                                                                                                                        US-09-282-505-1
                                                                                                                                                                                                                                                                  SEQ ID NO 1
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                          Query Match
Best Local (
                                                                                                                                                                         NAME/KEY: Artificial Sequence
LOCATION: 1-218 ·
OTHER INFORMATION: Sequence is completely synthesized
Patent No. 6194551
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Best Local Similarity
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SEQ ID NO 9
LENGTH: 218
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                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Polypeptide Variants FILE REFERENCE: P1266R1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Esohe Ekinaduese Idusogie et al.
                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2
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APPLICANT: Presta,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Artificial sequence
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21 DIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMMYQQKPGQAPRLLIYAASNLBS
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89.4%;
                                                                                        81.2%; Score 1008; DB 3; 87.6%; Pred. No. 7e-80;
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Pred. No. 7.2e-82;
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US-09-054-255-1
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                                                                                                                                                                                                                                                                                                         US-09-282-846-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
                                                                                      NUMBER OF SEQ ID NOS:
SEQ ID NO 1
LENGTH: 218
                                                                                                                                                                                                                          Sequence 1, Application US/09282846
Patent No. 6528624
GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
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LENGTH: 218
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CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
NUMBER OF SEQ ID NOS: 2
                                                                                                                                CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                         TITLE OF INVENTION: Polypeptide Variants FILE REFERENCE: P1266R2
                                               TYPE: PRT ORGANISM: Artificial Sequence
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NAME/KEY: Artificial Sequence LOCATION: 1-218
                                         FEATURE:
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Patent No. 5994511

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RESULT 12
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SEQ ID NO 1
LENGTH: 218
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OTHER INFORMATION: Sequence is completely synthesized Patent No. 6538124
Sequence 15,
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Best Local Similarity
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TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/680,145
CURRENT FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR PILING DATE: 1999-03-13
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NAME/KEY: Artificial Sequence
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Application US/08887352B
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; Pred. No. 7e-80;
14; Mismatches 13; Indels
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MEDIUM TYPE: 3.5 inch, 1.44 Mb flopp:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-U1-1997
CUASSIFICATION: 530
CUASSIFICATION: 530
                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Henry B.
TITLE OF INVENTION:
TITLE OF INVENTION:
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INFORMATION FOR SEQ ID NO:
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
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CORRESPONDENCE ADDRESS:
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                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                NUMBER OF SEQUENCES:
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STATE: California
              COUNTRY:
                                                    CITY: South San Francisco
                                                                        STREET:
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                                                                                        ADDRESSEE:
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Amino Acid
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                  USA
                                                                                                                                              Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, VENTION: Improved Anti-IgE Antibodies and Method of VENTION: Improving Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                        Genentech, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      80.9%; Score 1005; DB 2;
87.2%; Pred. No. 1.3e-79;
Live 15; Mismatches 13;
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                                                                                                                                Improving
26
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COMPUTER READABLE FORM:

inch, 1.44 Mb floppy disk

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Patent No. 5994511
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 190;
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Best Local Similarity
                              COUNTRY: USA
ZIP: 94080
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flo
COMPUTER: LEM PC compatible
OPERATING SYSTEM: PC COMPONES-DOS
SOFTWARE: Windratin (Genentech)
CURRENT APPLICATION NUMBER: US/08/887,352E
PILING DATE: 03-U11-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: SVODOdA, CTA19 G.
REGISTRATION NUMBER: 39,044
REGISTRATION NUMBER: 39,044
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INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 530
ATTORNEY AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Amino Acid
TOPOLOGY: 1.4-
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
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ADDRESSEE: Ge...
Year: 1 DNA Way
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                  STATE: California
REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                          Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                      Francisco
                                                                                                                                          US/08/887,352B
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RESULT 15
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Best Local Similarity 87.2
Matches 190; Conservative
Best Local Sir
Matches 190;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 24, Application US/08887352B
                                     Query Match
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu,
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
                                                                                                                             TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
ERNOTH: 218 acid
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INFORMATION FOR SEQ ID NO: 19:
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LENGTH: 218 amino acid
                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,0
REFERENCE/DOCKET NUMBER:
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TYPE: Amino Acid
                                                                                                               LENGTH: 218 amino acids TYPE: Amino Acid
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STATE: California
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                   Similarity
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87.2%; Pred. No. 1.3e-79;
80.9%; Score 1005; DB 2;
87.2%; Pred. No. 1.3e-79;
tive 15; Mismatches 13;
                                                                                                                                                                                                                                                                   39,044
                                                                                                                                                                           24:
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                                                                                                                                                                                                                                                       P1123
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                                     Length 218;
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Conservative

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181	121	61	
201 STLTLSKADYEKHKYYACEVTHQGLSSPVTKSFNRGEC 238	141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200	GIPDRFSGSGSGTDFTLTISRLEPADFAVYYCQQSNEDPRTFGQGTRLEIKRTVAAPSVF	21 DIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMWYQQKPGQAPRLLIYAASNLES 80
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Search completed: February 20, 2004, 13:35:02 Job time: 8.89311 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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 1144
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                                                                                                                                                                                                                                                                                             Score
 protein search, using
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1: /cgm2_6/prodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgm2_6/prodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgm2_6/prodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgm2_6/prodata/1/pubpaa/US07_NEW_PUB.pep:*

5: /cgm2_6/prodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgm2_6/prodata/1/pubpaa/US07_NEW_PUB.pep:*

7: /cgm2_6/prodata/1/pubpaa/US08_NEW_PUB.pep:*

9: /cgm2_6/prodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgm2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep:*

10: /cgm2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep:*

11: /cgm2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep:*

12: /cgm2_6/prodata/1/pubpaa/US09B_PUBCOMB.pep:*

13: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

14: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

15: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

16: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

17: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

18: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

17: /cgm2_6/prodata/1/pubpaa/US10B_PUBCOMB.pep:*

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Gapop 10.0 , Gapext 0.5
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               US-10-384-933-1

US-10-216-484-1

US-10-384-933-36

US-10-216-484-36

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US-09-800-999-5

US-09-800-998-14

US-09-800-998-14

US-10-423-927-5

US-10-423-927-5

US-10-423-927-13-15

US-09-949-713-15

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US-09-949-713-15
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 Sequence 1, Appli
Sequence 36, Appli
Sequence 36, Appli
Sequence 36, Appli
Sequence 5, Appli
Sequence 14, Appli
Sequence 15, Appli
Sequence 15, Appli
Sequence 19, Appli
Sequence 10, Appli
Sequence 21, Appl
Sequence 21, Appl
Sequence 21, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 23, Appl
Sequence 12, Appl
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45	44	43	42	41	40	39	38	37	36	ω 5	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
41	41	51	51	51	54	54	59			59					59												59	59	59
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14	14	9	15	10	1	9	15	15					15	13	12	12	11	10	10	9					12	14	10	12	14
US-10-007-270-28	4	•	-10-193-616-	US-09-948-018-18	US-09-925-299-960	US-09-925-299-960	-10-226	US-10-226-296-3	US-10-084-139-10	22	US-09-949-713-11	US-10-186-643-7	US-10-175-902-3	US-10-005-842-4	-10-418-242-	US-10-189-189-6	US-09-314-889-6	US-09-935-727-9	09-884-987-	US-09-874-138-4	US-09-949-713-20	- 1	802-669	- 1	-280-047	US-10-041-574-3	-09	-09-405-032-	-22
Sequence 28, Appı	Sequence 4, Appri	Sequence so, Appr	Sequence 9, Appri	sequence is, Appr	sequence 960, App	Sequence 960, App	Sequence 3, Appril		, E		Sequence II, Appl		ر 1 د	4, 0		Ģ	σ	sequence y, Appri	,	4.		0	1	,	Œ			, <u>r</u>	22

ALIGNMENTS

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US-10-384-933-1
                                     RESULT 2
US-10-216-484-1
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US-10-384-933-1
                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR PILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 1

LENGTH: 10

TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10384933 Publication No. US20030170817A1
Sequence 1, Application US/10216484 Publication No. US20030103976A1
                                                                                                                                                                                                               Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 10; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Tamaki, İkuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                            1 RTONTKCRCK 10
                                                                                                                                  1 RTONTKCRCK 10
                                                                                                                                                                                                                         0;
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Pred. No. 0.0039;
Mismatches (
                                                                                                                                                                                                                                                                     DB 12;
                                                                                                                                                                                                                                                                     Length 10;
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US-10-084-139-12

Sequence 15, sequence 23, sequence 12,

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RESULT 4
US-10-216-484-36
US-10-216-484-36
Sequence 36, Application US/10216484
publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Harnyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
FORGANISM: Homo sapiens
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LENGTH: 10
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Best Local Similarity 100.0%;
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Best Local Similarity
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Haruyama,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                     10; Conservative
                                                                                                                                                                                                                                                                              1 RTONTKCRCK 10
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Haruyama, Hideyuki
Nakahara, Kaori
Tamaki, Ikuko
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Pred. No. 0.0072;
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RESULT 5
US-09-800-909-5
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SEQ ID NO 36
LENGTH: 20
TYPE: PRT
ORGANISM: Homo sapiens
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TILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: WALLACK
APPLICANT: BIGDA,
APPLICANT: BELETS!
APPLICANT: METT, 1
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                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/800,909
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/476,862
FILING DATE:
PRIOR APPLICATION DATA:
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WAI
TELECOMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEPAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                     APPLICATION NUMBER: IL 94
FILING DATE: 06-APR-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 91
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Rel-Base #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                  FILING DATE: 06-AUG-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ENGELMANN, Hartmut
TITLE OF INVENTION: THE INHIBITORS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                               FILING DATE: 18-MAY-1989
ATTORNEY/AGENT INFORMATION:
                                                                            NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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USA
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US20010019833A1
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419 Seventh Street, N.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BELETSKY, Igor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WALLACH, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
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                                                                                                                                                      IL 90339
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                                                              WALLACH=12A
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-884-987-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: NAGATA, Shigekazu et al
TITLE OF INVENTION: DNA CODING FOR HUMAN CELL SURFACE ANTIGEN
FILE REFERENCE: 0020-4877P
CURRENT APPLICATION NUMBER: US/09/884,987
CURRENT FILLING DATE: 2001-06-21
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 14, Application US/09800908
Patent No. US20020111462A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3, Application US/09884987 Patent No. US20020102653A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%;
Best Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ENGTH:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/800,908
FILING DATE: 08-Mar-2001
CLASSIFICATION: CURKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/477,347
                                                                                                                                                         ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                   METT, IGOR
TITLE OF INVENTION: THE LIGANDS
NUMBER OF SEQUENCES: 17
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: WALLACH, David
                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                75 RTQNTKCRCK 84
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                                                                                                                                                                                                                              CITY: Washington STATE: D.C.
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STREET: 419 Seventh Street, N.W.
                                                                                                                                                                                                              COUNTRY: USA
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nilarity 100.0%;
Conservative 0
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BELETSKY, Igor
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Pred. No. 0.035;
Mismatches
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Pred. No. 0.035;
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US-10-423-927-5
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Best Local Similarity
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     NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=12A
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TELEX: 248633
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                           NAME: Townsend, G. Kevin
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: MITTELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
75 RTQNTKCRCK 84
                                1 RTQNTKCRCK 10
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: IL 1
FILING DATE: 08-JUL-1993
                                                                                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                    TELEFAX: 202-737-3528
                                                                                                                                                                                                                                               ENGTH: 119 amino acids
                                                               100.0%;
nilarity 100.0%;
Conservative 0
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                                                                   Score 59; DB 10;
Pred. No. 0.035;
Mismatches 0;
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                                                                                                    Length 119;
                                                                     Indels
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                                                                   Gaps
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Sequence 5, Application US/10423927 Publication No. US20030228312A1 GENERAL INFORMATION: COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/10/423,927
FILING DATE: 28-Apr-2003
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/476,862
FILING DATE: 07-JUN-1995
PRIOR APPLICATION NUMBER: IL 107267
APPLICATION NUMBER: IL 107267
APPLICATION NUMBER: IL 94039
FILING DATE: 06-APR-1990
APPLICATION NUMBER: IL 91229
FILING DATE: 06-APR-1990
APPLICATION NUMBER: IL 91229 FILING DATE: 06-AUG-1989
APPLICATION NUMBER: IL 90339
FILING DATE: 18-MAY-1989
ATTORNEY/AGENT INFORMATION: METT, IGOT
ENGELMANN, HAITMUT
TITLE OF INVENTION: TWF INHIBITORS
NUMBER OF SEQUENCES: 8 CORRESPONDENCE ADDRESS: APPLICANT: WALLACH, David CITY: Washington STATE: D.C. STREET: 419 Seventh Street, COUNTRY: USA ADDRESSEE: BROWDY AND NEIMARK 20004 BELETSKY, Igor Jacek

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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-423-927-5
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                                                  Matches
                                                                                    Query Match
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Best Local Similarity 100.0%;
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APPLICANT: Ashkenazi, Avi J.
TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 5:
                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/828,683A FILING DATE: 31-Mar-1997 APPLICATION NUMBER: 08/625328 FILING DATE: 1-Apr-1996 APPLICATION NUMBER: 08/710802 FILING DATE: 23-Sep-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 35,600
REFERENCE/DOCKET NUMBER: P1007P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/10/112,793
PILING DATE: 28-Max-2002
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                            SEQUENCE DESCRIPTION: SEQ ID NO: 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
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1 RTQNTKCRCK 10
                                                  10; Conservative
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                                                                                                                                                                LENGTH: 119 amino acids TYPE: Amino Acid TOPOLOGY: Linear
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STATE: California
                                                                                                                                                                                                                                                              TELEFAX: 650/952-9881
                                                                                                                                                                                                                                                                                                                                                        NAME: Marschang, Diane L.
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                                                                                                                                                                                                                                                                              TELEPHONE: 650/225-5416
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Pred. No. 0.035;
Mismatches 0;
                                              Score 59; DB 14; Length 119; Pred. No. 0.035; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
PRIOR APPLICATION NUMBER: PCT/JP97/01502
PRIOR FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 9
RESULT 12
US-09-949-713-21
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-713-9
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US-09-949-713-10
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US-09-949-713-9
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PRIOR FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/09949713
Patent No. US20020044944A1
GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. US20020044944A1io
APPLICANT: NAGATA, Shigekazu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: NAKAMURA, No. US20020044944A1io
APPLICANT: NAKAMURA, Shigekazu
APPLICANT: NAKATIA, Shigekazu
TITLE OF INVENTION: NOVEL Fas ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/09949713
Patent No. US20020044944A1
                                                                                                                                                Matches
                                                                                                                                                                                   Query Match
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                                                                                                                                                                  Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: NAGATA, Shigekazu
TITLE OF INVENTION: NOVEL FAB ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207F
CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
                                                                                                                                                                                                                                    LENGTH: 143
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                               1 RTONTKCRCK 10
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                                                                          RTONTKCRCK 85
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                                                                                                                                                Conservative
                                                                                                                                                                  100.0%;
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                                                                                                                                                  0; Mismatches
                                                                                                                                                                  Score 59; DB 9;
Pred. No. 0.041;
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                                                                                                                                                                                   DB 9;
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                                                                                                                                                                                   Length 143;
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Sequence 21, Application US/09949713 Patent No. US20020044944A1 GENERAL INFORMATION:

APPLICANT: NAKAMURA, NO. US20020044944A1io APPLICANT: NAGATA, Shigekazu TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE

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US-09-949-713-15
Sequence 15, Application U; Patent No. US20020044944A1; GENERAL INFORMATION:
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; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-713-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LENGTH: 157
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-713-15
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CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
PRIOR APPLICATION NUMBER: PCT/JP97/01502
PRIOR FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                          Sequence 23, Application US/09949713
Patent No. US20020044944A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Ver. 2.0 SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 10; Conservative 0
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APPLICANT: NAKAMURA, NO. US20020044944A110
APPLICANT: NAGARIA, Shigekasu
TITLE OP INVENTION: NOVEL PAS ANTIGEN DERIVATIVE
FILE REFERENCE: 1110-207P
CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR PILING DATE: 1998-11-02
PRIOR APPLICATION NUMBER: PCT/JP97/01502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NAKAMURA, No. US20020044944A1io
APPLICANT: NAGATA, Shigekazu
TITLE OF INVENTION: NOVEL FAS ANTIGEN DERIVATIVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US/09/180,100
PRIOR FILING DATE: 1998-11-02
PRIOR APPLICATION NUMBER: PCT/JP97/01502
PRIOR FILING DATE: 1997-05-01
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SOFTWARE: PatentIn Ver. 2.0
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CURRENT APPLICATION NUMBER: US/09/949,713
CURRENT FILING DATE: 2001-09-12
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Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 59; DB 9; Length 144; Pred. No. 0.041;
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                                                                                                                                                                                                                                            LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-084-139-12
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Search completed: February 20, 2004, 14:25:29 Job time: 1.75834 secs
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CURRENT APPLICATION NUMBER: US/10/084,139
CURRENT FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 12, Application US/10084139
Publication No. US20030109416A1
GENERAL INFORMATION:
APPLICANT: NAGATA, Shigekazu
APPLICANT: YATOMI, Takehiro
APPLICANT: SUDA, Takeshi
TITLE OF INVENTION: PROPHYLACTIC/THERAPEUTIC AGENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR FILING DATE: 1997-05-01
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 159
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Best Local Similarity 100.0%; Pred. No. 0.045;
Matches 10; Conservative 0; Mismatches
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Perfect score:
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/cgn2 6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*
/cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*
/cgn2-6/ptodata/1/pubpaa/US06 NEW PUB.pep:*
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1246
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Copyright (c) 1993 - 2004 Compugen Ltd.
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            summaries
       US-10-384-933-52
US-10-216-484-52
US-10-324-933-109
US-10-324-933-54
US-10-384-933-50
US-10-384-933-50
US-10-384-933-107
US-10-384-933-107
US-10-384-933-129
US-10-216-484-107
US-10-216-484-119
US-10-216-484-119
US-10-216-484-131
US-10-216-484-131
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                                 sequence 52, Appl
sequence 52, Appl
sequence 109, App
sequence 54, Appl
sequence 54, Appl
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sequence 107, App
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sequence 129, App
sequence 129, App
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                                                                                                                                                                                                                                                                                                                                                                                                        Description
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APPLICANT: Serizawa, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko

GIRRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: 2000-02-05
CURRENT APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: 165

SEQ ID NO 52
SEQ ID NO 52
SEQ ID NO 52
SEQ ID NO 52
FORGANISM: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Designed light
OTHER INFORMATION: chain of humanized anti-Fas antibody
OTHER INFORMATION: chain of humanized anti-Fas antibody
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US-10-384-933-52
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Sequence 52, Application US20030170817A1
Publication No. US20030170817A1
GENERAL INFORMATION:
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16 US-10-353-708-36
17 US-10-353-708-36
18 US-10-171-452A-36
19 US-10-171-452A-44
19 US-10-353-708-44
19 US-10-353-708-36
19 US-10-153-382-7
19 US-09-917-410-27
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19 US-09-917-410-353-708-36
12 US-10-153-3708-39
12 US-10-353-708-39
13 US-09-802-077-9
14 US-09-802-077-9
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12 US-09-802-077-9
13 US-09-802-078-9
14 US-09-302-113-396-13
15 US-10-133-302-15
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15 US-10-353-708-51
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sequence 38, App1
sequence 56, App1
sequence 56, App1
sequence 56, App1
sequence 44, App1
sequence 44, App1
sequence 50, App1
sequence 50, App1
sequence 70, App1
sequence 70, App1
sequence 71, App1
sequence 36, App1
sequence 39, App1
sequence 39, App1
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sequence 19, App1
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sequence 34, App1
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US-10-216-484-52
                                                                                                                                                                                     Sequence 109, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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SEQ ID NO 52
LENGTH: 238
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Best Local Similarity
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                                                                 APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Anti-Pab Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR PILING DATE: 2000-02-09 PRIOR PILING DATE: 2000-02-09 PRIOR APPLICATION NUMBER: US 09/053,583 PRIOR PILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                        TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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APPLICATION NUMBER:
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100.0%; Pred. No. 7.4e-88;
tive 0; Mismatches 0;
  US/10/384,933
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RESULT 4
US-10-216-484-109
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
                                                                                              Query Match
Best Local
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SEQ ID NO 109
                                                                        Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/216,48 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 2000-02-09 PRIOR APPLICATION NUMBER: US 09/053,583 PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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ORGANISM: Artificial Sequence
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                                                                                            Local Similarity
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                          METDTILLMVLLLMVPGSTGDIVLIQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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  METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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o. US20030103976A1
                                                                            Conservative
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Pred. No. 2.
                                                                          Score 1239; DB 15;
Pred. No. 2.5e-87;
2; Mismatches 0;
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                                                                            Indels
                                                                                                              Length 238;
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QQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR

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Sequence 54, Application US/10216484

Publication No. US20030103976A1

GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976A1ufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Nakahara, Kaori

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

APPLICANT: Takahashi, Tohru

FITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG
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US-10-384-933-54
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US-10-216-484-54
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LENGTH: 238
TYPE: PRT
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Best Local Similarity
Matches 236; Conserv
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CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: 2000-02-09

PRIOR PILICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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TITLB OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
ITILS OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1988-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
LENGTH: 238
LENGTH: 238
TYPE: PRT
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US-10-384-933-50
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OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-50
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Best Local S
Matches 236
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Publication No. US20030170817A1
                                                                                         Query Match
Best Local Similarity
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97.1%;

    Mismatches

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Pred. No. 3e-87;
                                                                         1; Mismatches
                                                                                             Score 1202; DB 12;
Pred. No. 1.7e-84;
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US-10-216-484-50
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LENGTH: 238
TYPE: PRT
                                                                                                                        GENERAL INFORMATION:
                                                                                                                                          Sequence 107, Application US/10384933 Publication No. US20030170817A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 231; Conservative
                                                           APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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CANT: Tamaki, Ikuko
CANT: Takahashi, Tohru
OF INVENTION: Anti-Fas
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No. US20030103976A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description of Artificial Sequence: Designed light chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  96.5%;
97.1%;
         Antibodies

    Mismatches

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Pred. No. 1.7e-84;
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APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CID/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT APPLICATION NUMBER: US/99,662
PRIOR APPLICATION NUMBER: US/99,662
PRIOR APPLICATION NUMBER: US/99,662
PRIOR FILLING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILLING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
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US-10-216-484-107
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LENGTH: 238
                                                                            Matches
                                                                                             Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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5. US20030103976A1
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                                                                            Score 1201; DB 15;
Pred. No. 2.1e-84;
3; Mismatches 5;
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Pred. No. 2.1e-84;
3; Mismatches 5
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RESULT 12
US-10-216-484-129
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Best Local S
Matches 219
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Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Natahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                           QQKPGQAPKLLIYAASNLESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
                                                                                                                                                                                                                GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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Takahashi, Tohru
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Pred. No. 3.4e-81;
0; Mismatches 9
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US-10-384-933-131
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FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 131, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
  Matches
                   Query Match
Best Local S
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LENGTH: 238
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TITLE OF INVENTION: Anti-Fas
FILE REFERIOE: 980126CIP HG
CURRENT APPLICATION NUMBER: US/10/384,93
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR PILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                               TYPE: 238
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                   Local Similarity
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  Conservative
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92.0%;
                   92.8%;
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Score 1156; DB 12;
Pred. No. 5.8e-81;
0; Mismatches 9;
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Pred. No. 3.4e-81;
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FILL OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER: OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
FEATHER:
                                                                                                RESULT 15
US-10-384-933-127
US-10-384-933-127
; Sequence 127, Application US/10384933
; Deblication No. US20030170817A1
; Publication No. US20030170817A1
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US-10-216-484-131
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                         APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
          APPLICANT:
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Tamaki, Lkuko
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APPLICANT: Takahashi, Tohru
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/9/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/9/490,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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                            GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
                                                                                                            TFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
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91.6%;
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GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

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Title: Perfect score:

US-09-499-662-54 1249

Scoring table: Sequence:

Gapop 10.0 , BLOSUM62

Gapext 0.5

Searched:

Total number

of hits satisfying chosen parameters:

328717

328717 segs, 42310858 residues

Minimum DB Maximum DB

seq length: 0
seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100 Listing first 45

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Database

Issued_Patents_AA:*

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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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SUMMARIES

US-08-487-550-6 US-09-526-098-6 US-09-740-002-24

US-09-301-593-36
pCT-US96-13152-2
US-08-887-352B-13
US-08-66-151-9
US-09-109-207C-13
US-09-282-505-1
US-09-282-505-1
US-09-282-846-1
US-09-282-846-1
US-09-282-846-1
US-09-282-846-1
US-09-282-846-1
US-09-887-352B-17
US-08-887-352B-17
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US-09-109-207C-17
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120

238 180

240

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 36, Appli sequence 13, Appli sequence 13, Appli sequence 13, Appli sequence 14, Appli sequence 14, Appli sequence 15, Appli sequence 17, Appli sequence 17, Appli sequence 18, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 19, Appli sequence 24, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 6, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 6, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli sequence 24, Appli seque
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APPLICANT: Leger, Olivier
APPLICANT: Saldamha, Jose W.
APPLICANT: Saldamha, Jose W.
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Seldamha, 105001
FILE REFERENCE: 0652.1890001.593A
CURRENT PILING DATE: 1999-04-29
CURRENT PILING DATE: 1999-04-29
CURRENT PILING DATE: 1998-04-30
FARLIER APPLICATION NUMBER: EP 98107925.4
FARLIER APPLICATION NUMBER: US 60/086,049
FARLIER APPLICATION NUMBER: US 60/086,049
FARLIER PILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 36
LEBUGTH: 240
TYPB: PRT
ORGANISM: Homo sapiens
US-09-301-593-36

R3.2%; Score 1039; DB 4; Length 240;
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Patent No. 6455677
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Park, John E.
APPLICANT: Bamberger, Ume
AppliCANT: Bamberger, Ume
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                  RESULT 2
PCT-US96-13152-2
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                                                                                                                                                                                                PRTFGQGTRLBIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLANPYPREAKVQWKVDNAL
                                                                                                                     OSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
                                                                                                                                                                           PLTPGQGTKVEIKRTVAAPSVPIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNAL
                                                                                             QSGNSQESVTEQD8KDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSENRGEC
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US-09-301-593-28
US-07-934-373C-25
US-08-437-642B-25
US-08-146-206C-25
PCT-US93-07832-27
US-09-171-945-97
US-08-437-642B-39
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PCT-US93-07832-39
PCT-US93-07832-39
US-08-157-101A-5
US-09-171-945-9
US-09-171-945-9
US-07-934-373C-40
US-08-788-800-11
US-08-437-642B-40
US-08-437-642B-40
US-09-097-309-2
US-09-097-171A-2
US-09-097-171A-2
                                                                                                                                                                                                                                                                                                                                                                                                               19; Mismatches
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RESULT 3
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; Sequence 13, Application patent No. 5994511 ; GENERAL INFORMATION: HENRY B. I TITLE OF INVENTION: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: EP 95 112 895.8
FILING DATE: 17-Aug-95
APPLICATION NUMBER: EP 95 114 969.9
FILING DATE: 19-Sep-95
ATTORNEY/AGENT INFORMATION:
NAME: NOrman D. Hanson
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: BOER 1059-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compati
OPERATING SYSTEM: PC-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: 27-Dec-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
ADDRESSEE: Attn: Norman D. Hanson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Martin, Ulrich, et al.
TITLE OF INVENTION: Anti-selectin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Computer Disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Y Match 82.5%;
Local Similarity 89.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                             121 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                                                                                                                                                                                                                                                                                                                                                              61
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                                                                                                                                                                                                                                                                                                                                                                                                                                            DIQMTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASNLES
                                                                                         Application US/08887352B
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SYSTEM: PC-DOS/MS-DOS
        Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Anti-selectin antibodies for prevention of multiple organ fai
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                               John Lowe
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                                                                                                                                                                                                                                                                                                            Sequence 9, Application Patent No. 6037453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 81.3%; Score 1016; DB 2;
Best Local Similarity 88.5%; Pred. No. 4.1e-75;
Matches 193; Conservative 12; Mismatches 13;
                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
ATTORNEY AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: P1:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Improving Polypeptides NUMBER OF SEQUENCES: 26 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1 DNA Wa
                                                                                                                  CITY: South San F
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: Amino Acid
                                                                                              COUNTRY:
                                                                                                                                                      STREET:
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                                                                                                                                      Francisco
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SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/466,151

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PRIOR APPLICATION NUMBER: 08/466163
APPLICATION NUMBER: 08/405617
APPLICATION NUMBER: 08/405617
APPLICATION NUMBER: 08/405617
FILING DATE: 15-MAR-1995
PRIOR APPLICATION DATA: 08/185899
APPLICATION NUMBER: 08/185899
FILING DATE: 26-JAN-1994
PRIOR APPLICATION DATA: 07/879495
APPLICATION NUMBER: 07/744768
APPLICATION NUMBER: 07/744768
APPLICATION NUMBER: 09/744768
APPLICATION NUMBER: 39,044
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 90718F
TELEPAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-08-466-151-9
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US-09-109-207C-13
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                                                        Sequence 13, Application US/09109207C
Patent No. 6172213
Patent INFORMATION:
GENERAL INFORMATION:
IMPROVED Anti-IgE Antibodies and Method of Improving PoTITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving PoTILE REFERENCE: P1123R1: US/09/109,207C
CURRENT APPLICATION NUMBER: US/09/109,207C
CURRENT FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/051,554
PRIOR APPLICATION NUMBER: US 60/051,554
PRIOR FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 44
SEQ ID NO 13
LENGTH: 218
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Best Local Similarity
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CLASSIFICATION:
PRIOR APPLICATION DATA:
NAME/KEY: Artificial
                  FEATURE:
                                ORGANISM: Artificial
                                                TYPE: PRT
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88.5%; Pred. No. 4.1e-75;
tive 12; Mismatches 13;
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; LOCATION: 1-218
; OTHER INFORMATION: Light chain sequence derived from MAE11
US-09-109-207C-13
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US-09-296-005-13
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                                                                                                                                                                                                                                                     ; NAME/KEY: Artificial
; LOCATION: 1-218
; OTHER INFORMATION: Light chain sequence derived from MAE11
US-09-296-005-13
                                                                                                                                                                                                                                                                                                                                         Patent No. 6290957
Patent No. 6290957
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides
FILE REFERENCE: P1123Clr
CURRENT APPLICATION NUMBER: US/09/296,005
CURRENT TILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER PILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 13
LENGTH: 218
THE OF SEQ ID NOS: 26
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Best Local S
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Local Similarity 88.5%;
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                                                                IPPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
 Conservative
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%; Pred. No. 4.1e-
12; Mismatches
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RESULT 7 US-08-466-163B-9 ; Sequence 9, Application US/08466163B ; Patent No. 6329509

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ORGANISM: Artificial Sequence
FRATURE:
NAME/KEY: Artificial Sequence
LOCATION: 1-218
COTHER INFORMATION: Sequence is completely synthesized
Patent No. 6194551
US-09-282-505-1
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US-09-282-505-1
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CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILING DATE: 1995-03-15
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR FILING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR FILING DATE: 1991-08-14
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APPLICANT: B80he Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT BPLICATION NUMBER: US/09/282,505A
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2
                                                             Query Match
Best Local Similarity
Matches 189; Conserva
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SEQ ID NO 9
LENGTH: 218
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APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: P0718P2C1D1
                                                                                                                                                                                                                                                                                    TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
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21 DIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMWYYQQKPGQPPKLLIYAASNLBS
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                                                             79.5%; Score 993; DB 3
86.7%; Pred. No. 3e-73;
tive 14; Mismatches
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Pred. No. 4.1e-75;
                                                                                                    DB 3; Length 218
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US-09-054-255-1
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                                                                                                                                                                         Sequence 1, Application US/09282846
Patent No. 6528624
GENERAL INFORMATION:
APPLICANT: Bsobe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P126GR2
                                                                                                       CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
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APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
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SEQ ID NO 1
LENGTH: 218
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Patent No. 6242195
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CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
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                                                    TYPE: PRT ORGANISM: Artificial Sequence
NAME/KEY: Artificial Sequence LOCATION: 1-218
                                       FEATURE:
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                                                                                          LENGTH: 218
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86.7%; Pred. No. 3e-73;
ative 14; Mismatches
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; OTHER INFORMATION:
, Patent No. 6528624
US-09-282-846-1
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Patent No. 6538124

Patent No. 6538124

GENERAL INFORMATION:

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GENERAL INFORMATION:

FILLE OF INVENTION:

FILE REFERENCE: P1266R1

FILE REFERENCE: P1266R1

FILE REFERENCE: P1266R1

FILE REFERENCE: P1266R1

GURRENT APPLICATION NUMBER: US/09/680,145

CURRENT FILING DATE: 2000-10-03

FRIOR APPLICATION NUMBER: 09/282,505

PRIOR APPLICATION NUMBER: 09/282,505

PRIOR FILING DATE: 1999-03-13

NUMBER OF SEQ ID NOS: 2
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US-09-680-145-1
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Best Local Similarity
Matches 189; Conserv
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                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
PERATURE:
NAME/KEY: Artificial Sequence
LOCATION: 1-218
LOCATION: 1-218
OTHER INFORMATION: Sequence is completely synthesized
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LENGTH: 218
RESULT 12
US-08-887-352B-15
; Sequence 15, Application US/08887352B
                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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                                                                                                                              i ppesdeolksotas výchlanie v přeáký výmký dnalosoná desvý egoskó stysls
                                                                                                                                                   IPPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                        79.5%; Score 993; DB 4; Length 218; ilarity 86.7%; Pred. No. 3e-73; Conservative 14; Mismatches 15; Indels
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86.7%; Pred. No. 3e-73;
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COMPUTER: IBM PC COMPUTER: COMPUTER: PC-DOS/MS-DOS OPERATING SYSTEM: PC-DOS/MS-DOS OPERATING SYSTEM: PC-DOS/MS-DOS OPERATING SYSTEM: (Genentech)
SOFTWARE: WinPatin (Genentech)
SOFTWARE: WinPatin (Genentech)
SOFTWARE: WIS/08/887,352B
APPLICATION NUMBER: U3/08/887,352B
APPLICATION NUMBER: U3/08/887,352B
APPLICATION NUMBER: 39,044
REGISTRATION NUMBER: 39,044
REGISTRATION NUMBER: P1123
REFERENCE/DOCKET NUMBER: P1123
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 15
SEQUENCE CHARACTERISTICS:
LENGTH: 2.18 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
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NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb 1
MEDIUM TYPE: 3.5 inch, 1.04 Mb 1
COMPUTER: IBM PC compactible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                            sequence 17, Application US/08887352B Patent No. 5994511
                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:

APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
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                                                                                                                                                                              NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                            ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       79.3%; Score 990; DB 2;
tch 86.2%; Pred. No. 5.2e-73;
al Similarity 86.2%; Mismatches 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 GVPSRPSGSGSGTDFTLTISSLQPEDPATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 DNA Way
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94080
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                                                       California
                               USA
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COMPUTER READABLE FORM:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 19, Application US/08887352B Patent No. 5994511 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 79.3%; Score 990; DB 2; Best Local Similarity 86.2%; Pred. No. 5.2e-73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELERAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
                                                                                  SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/887,
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Amino Acid
TOPOLOGY: 1.1-
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REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: WinDatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,
FILING DATE: 03-U1-1997
CLASSIFICATION: 530
ATTORNEY/ACCEPT
                      ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe TITLE OF INVENTION: Improved Anti-IgB Antibodies and Method of TITLE OF INVENTION: Improving Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: WinPatin (Genentech)
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                            CITY:
                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                              94080
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                                                                       US-08-887-352B-24
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Best Local Similarity 86.4
188; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5994511
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24, Application US/08887352B
                                   Query Match
                                                                                                                                         TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOPTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:
                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: SVOBODA, CLAIG G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Henry B. TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
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                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/887,352B FILING DATE: 03-Jul-1997 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: South San F:
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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                                                                                          TOPOLOGY:
                                                                                                         LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                  TELEPHONE: 650/225-1489
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86.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
Improved Anti-IgE Antibodies and Method of
Improving Polypeptides
79.3%; Score 990; DB 2;
86.2%; Pred. No. 5.2e-73;
tive 15; Mismatches 15;
                                                                                                                                                                                                                                                     39,044
                                                                                                                                                                24:
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; Pred. No. 5.2e-73;
15; Mismatches 15
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Matches 188; Best Local Similarity

Conservative

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Gaps

Search Job ti	당	Ş	DЬ	\$	망	γQ	ర్జ	S
Search completed: February 20, 2004, 13:35:03 Job time : 8.89311 secs	181 STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 218	201 STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238	121 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 180	141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200	61 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF 120	81 GIPDRESGSGSGTDFTLTIHEVEEEDAATYYCQQSNEDERTFGQGTRLEIKRTVAAPSVF 140	1 DIQLTQSPSSLSASVGDRVTITCRASKPVDGEGDSYLNWYQQKPGKAPKLLIYAASYLES 60	21 DIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWYQQKPGQPPKLLIYAASNLES 80

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Minimum DB
Maximum DB
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Perfect score:
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Maximum Match 100%
Listing first 45 summaries
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seq length: 2000000000
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1249
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l: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

1 3 3 3 3 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1	Result No.
1249 1238 1238 1231 1231 1231 1194 1193 1193 1193 1157 1157 1157	Score
100.0 100.0 99.1 98.6 98.6 95.6 95.5 95.5 92.4 92.4	Query Match
2	Length
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US-10-384-933-54 US-10-216-484-53 US-10-384-933-52 US-10-384-933-109 US-10-384-933-50 US-10-216-484-109 US-10-216-484-107 US-10-216-484-107 US-10-384-933-129 US-10-384-933-129 US-10-384-933-129 US-10-384-933-129 US-10-384-933-129 US-10-384-933-127	Ħ
Sequence 54, Appl Sequence 52, Appl Sequence 52, Appl Sequence 109, App Sequence 109, App Sequence 50, Appl Sequence 50, Appl Sequence 107, App Sequence 107, App Sequence 107, App Sequence 129, App Sequence 129, App Sequence 131, App Sequence 131, App Sequence 131, App Sequence 131, App	Description

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
1014	1016	1016	1016	1016	1016	1022	1022	1022	1022	1024.5	1029	1029	1030	1031	1032	1032	1032	1032	1039	1042	1130	1130	1130	1130	1140	1140	1140	1140	
81.2	81.3	81.3	81.3		81.3	81.8			81.8	82.0	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6		83.4	90.5	90.5	90.5	90.5	91.3	91.3	91.3	91.3	
236	218	218	218	218	218	218	218	218	218	235	218	218	218	218	218	218	218	218	240	218	238	238	238	238	238	238	238	238	
10	12	11	9	9	9	15	15	12	12	15	12	11	9	12	15	15	12	12	12	12	15	15	12	12	15	5	12	12	
US-09-859-053-34	US-10-113-996-13	US-09-925-179-9	US-09-920-171-13	US-09-802-096-9	US-09-802-077-9	US-10-171-452A-51	US-10-171-452A-45	US-10-353-708-51	US-10-353-708-45	US-10-153-382-7	US-10-449-566-102	US-09-925-179-67	US-09-917-410-2	US-10-449-566-119	US-10-171-452A-57	US-10-171-452A-39	US-10-353-708-57	US-10-353-708-39	US-10-159-006-36	US-10-449-566-98	US-10-171-452A-50	US-10-171-452A-44	US-10-353-708-50	US-10-353-708-44	US-10-171-452A-56	US-10-171-452A-38	US-10-353-708-56	US-10-353-708-38	
	13	Sequence 9, Appli	Sequence 13, Appl	Sequence 9, Appli	Sequence 9, Appli	Sequence 51, Appl	Sequence 45, Appl	Sequence 51, Appl	Sequence 45, Appl	Sequence 7, Appli	Sequence 102, App	Sequence 67, Appl	Sequence 2, Appli	Sequence 119, App			57,	39,	36,	Sequence 98, Appl	50,	44,	Sequence 50, Appl	44,	56,	38,		38,	,

ALIGNMENTS

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APPLICANT: Tamaki, KAOTİ
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662
ANNHER OF SEQ ID NOS: 165
SEQ ID NO 54
LENCTU: 000
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US-10-384-933-54
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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                            Query Match
Best Local Similarity
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                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                     LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                        238;
61 QQKPGQPPKLLIYAASNLESGIPDRPSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120
                                                                     1 METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
                                                                                              1 METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMWWY
                                                                                                                                                      Conservative
                                                                                                                                                                          100.0%; Score 1249; DB 12; Length 100.0%; Pred. No. 3.6e-87;
                                                                                                                                                      0;
                                                                                                                                                        Mismatches
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                                                                                                                                                        Indels
                                                                                                                                                      0;
                                                                                                                                                        Gaps
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Sequence 52, Application US/10384933

Publication No. US20030170817A1

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PILING DATE: 1909-053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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US-10-384-933-52
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tanaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 54, Application US/10216484
Publication No. US20030103976A1
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LENGTH: 238
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Best Local Similarity
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CURRENT APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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  US/10/384,933
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Pred. No. 3.6e-87;
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APPLICANT: Tamaki, kuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIF/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/90/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
LENGTH: 238
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LENGTH: 238
TYPE: PRT
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                    Best
                                                                                                                  Matches
                                                                                                                                                      Query Match
                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody -10-216-484-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                      Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GNSQBSVTEQDSKDSTY8LSSTLTLSKADYBKHKVYACEVTHQGLSSPVTKSENRGEC 238
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QQKPGQPPKLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120
                                     METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
                                                             METDTILLMVLLLMVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
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No. US20030103976A1
                                                                                                                  Conservative
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99.2%;
                                                                                                                                      99.1%;
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                                                                                                                      1; Mismatches
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Pred. No. 2.5e-86;
                                                                                                                                        Score 1238; DB 15
Pred. No. 2.5e-86;
                                                                                                                                                              DB 15;
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Harvyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANTON NUMER: US/10/384,933
CURRENT APPLICATION NUMER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-03-03-05
PRIOR PILING DATE: 1000-03-05
PRIOR PILING DATE: 10
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US-10-384-933-109
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                                                                                                                                                                                                                                                                                RESULT 6
US-10-216-484-109
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Best Local S
                                                                                                                                                                                   Sequence 109, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121 TFGQGTRLEIKRTVAADSVFIFPDSDEQLKSGTASVVCLLNNFYBREAKVQWKVDNALQS 180
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o. US20030170817A1
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pred. No. 8.4e-86;
3; Mismatches 1;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
FRIOR APPLICATION NUMBER: US/09/499,662
FRIOR FILING DATE: 2000-02-09
FRIOR APPLICATION NUMBER: US 09/053,583
FRIOR FILING DATE: 198-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
LENGTH: 238
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                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-50
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 50, Application US/10384933 publication No. US20030170817A1
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SEQ ID NO 50
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                        APPLICANT: Tamaki, IKUKO
APPLICANT: Tamaki, IKUKO
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: ANTI-FAS ANTIBOdies
TITLE OF INVENTION UNDER: US/10/384,933
CURRENT APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
                                                                Matches
                                                                              Query Match
Best Local Similarity
                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                                               atch 95.6%;
sal similarity 96.2%;
229; Conservative
 1 METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
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98.3%;
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pred. No. 8.4e-86;
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                                                                                       Score 1194; DB 12
Pred. No. 5.4e-83;
                                                                       Mismatches
                                                                                                          DB 12;
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GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Hakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILB REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
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                           Sequence 107, Application US/10384933
Publication No. US20030170817A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ituko
APPLICANT: Tamaki, Ituko
APPLICANT: Taheahashi, Tohru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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OF INVENTION: Anti-Fas
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No. US20030103976A1
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96.2%;
             Antibodies
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Pred. No. 5.4e-83;
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RESULT 10
US-10-216-484-107
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; OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-107
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Best Local Similarity
Matches 228; Conserv
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
                                                                                                   Query Match
Best Local Similarity
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Publication No. US20030103976A1
                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 2000-02-09 PRIOR APPLICATION NUMBER: US 09/053,583 PRIOR EILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                              TYPE: PRT
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METDTILLMVLLLMVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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                                                                                    Conservative
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                                                                               Score 1193; DB 15;
Pred. No. 6.4e-83;
4; Mismatches 6;
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Pred. No. 6.4e-83;
4; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 12;
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                                                                                    Indels
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RESULT 12
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Sequence 129, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
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Best Local Similarity
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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Pred. No. 3.4e-80;
9; Mismatches 10;
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METDTILLMVLLLMVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60

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CURRENT APPLICATION NUMBER: US/10/216,484;
CURRENT FILING DATE: 2002-08-09;
PRIOR APPLICATION NUMBER: US/09/499,662;
PRIOR FILING DATE: 2000-02-09;
PRIOR APPLICATION NUMBER: US 09/053,583;
PRIOR FILING DATE: 1998-04-01;
NUMBER OF SEQ ID NOS: 165;
SEQ ID NO 129;
LENGTH: 238
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                                                                                     US-10-384-933-131
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APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLB OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
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                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
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Publication No. US20030170817A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
  Matches 219;
                                          Query Match
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                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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  Conservative
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92.0%;
                    92.4%;
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               Score 1154; DB 12;
Pred. No. 5.8e-80;
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Pred. No. 3.4e-80;
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  Mismatches
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US-10-384-933-127
US-10-384-933-127
Sequence 127, Applicat
Publication No. US2003
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikaori
APPLICANT: Tamaki, Ikabo
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/99/49,662
PRIOR APPLICATION NUMBER: US/99/49,562
PRIOR APPLICATION NUMBER: US/99/49,563
PRIOR APPLICATION NUMBER: US/99/53,583
PRIOR FILING DATE: 1998-04-01
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US-10-216-484-131
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Best Local Similarity
Matches 219; Conserv
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SEQ ID NO 131
LENGTH: 238
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                 APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
  APPLICANT.
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ORGANISM: Artificial Sequence
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Tamaki, Ikuko
                                                                                                                    Application US/10384933
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92.0%;
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Pred. No. 5.8e-80;
9; Mismatches 10;
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APPLICANT: Takahashi, Tohru
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01
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FORGANISM: Artificial Sequence
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GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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; Pred. No. 6.9e-80,
10; Mismatches 10
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Maximum DB
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score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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3: /cgm2_6/ptodata//
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US-09-026-985-71
US-09-234-340A-71
US-09-234-340A-71
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US-08-146-206C-22
US-08-147-642B-22
US-08-146-206C-22
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US-08-146-206C-22
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US-08-166-151-65
US-08-887-352B-14
US-09-109-207C-14
US-09-109-207C-14
US-09-296-005-16
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US-08-487-550-8
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1275.794 Million cell updates/sec
        Sequence 43, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 30, Appl
Sequence 31, Appl
Sequence 71, Appl
Sequence 71, Appl
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Sequence 71, Appl
Sequence 90, Appl
Sequence 91, Appl
Sequence 22, Appl
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Sequence 22, Appl
Sequence 14, Appl
Sequence 16, Appl
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Sequence 43, Application US/09301593A

Patent No. 6455677

Patent No. 6455677

GENERAL INFORMATION:
APPLICANT: Park, John E.
APPLICANT: Bamberger, Uwe
APPLICANT: Hemberger, Uwe
APPLICANT: Leger, Olivier

APPLICANT: Saldanha, Jose W.
APPLICANT: Rettis, Wolfgang J.
APPLICANT: Rettis, Wolfgang J.
APPLICANT: Rettis, Wolfgang J.
APPLICANT: Rettis, Wolfgang J.
APPLICANT: Rettis, Wolfgang J.
APPLICANT: NIMERIER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER FILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SEQ ID NO 43

LENGTHARE: Patentin Ver. 2.0

SEQ ID NO 43

LENGTH: 472
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US-09-301-593-43
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                                                                                   TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR
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US-09-284-255-2
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US-09-686-635-3
US-09-466-635-3
US-07-916-098A-45
PCT-US93-07832-23
US-07-934-3776-23
US-08-437-642B-23
US-08-437-642B-23
US-08-146-206C-23
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; Pred. No. 8.3e-168;
12; Mismatches 28;
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237 179

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STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-458-516-13
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Patent No. 5777085
                                                                                                                                                                                                                Matches 417; Conservative
                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 424
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/059
APPLIING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 1182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Co, Man Sung
APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Humanized And
TITLE OF INVENTION: GPIIB/IIIA
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
140 SASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSMNSGALTSGVHTFPAVLQS 199
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                                                           NEKFKGRVTLTVDESTNTAYMELSSLRSEDTAVYFCAR-RDGNYGW-FAYWGQGTLVTVS
                                                                                               NOKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGEGTLVTVS 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 472
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                                                                                                                                       QVQLVQSGAEVKKPGSSVKVSCKASGYAPTNYLIEWVRQAPGQGLEWIGVIYPGSGGTNY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application
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92.5%;
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                                                                                                                                                                                                                  15; Mismatches
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                                                                                                                                                                                                              Score 2216; DB 1;
Pred. No. 3.4e-164;
L5; Mismatches 17;
                                                                                                                                                                                                                                                      Length 449;
                                                                                                                                                                                                                  Indels
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Patent No. 5
                                                                 Matches 418;
                                                                                                  Query Match
                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/952640
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-118
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                         TELEFAX: (202) 783-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 476 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: UPILING DATE: CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: CROWB, JAMES SCOTT
APPLICANT: LEWIS, ALAN PETER
TITLE OF INVENTION: PRODUCTION OF ANTIBODIES
NUMBER OF SEQUENCES: 46
                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                   Local Similarity
                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                         TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20004
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              MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTETSYWMQWVKQAP 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SASTKGPSVPPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQS 178
MDWTWRFLFVVAAATGVQSQMQVVQSGAEVKKPGSSVTVSCKASGGTFSNYAISWVRQAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGSFFLYSKLTVDKSR 418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.
                                                                   Conservative
                                                                                                                                                                                                                                                                           (202) 783-6040
                                US/08/378,939
                                                                                                                                                                                                                                           10:
                                                                                                                                                                                                                                                                                                              1808-118
                                                                Score 2214; DB 2;
Pred. No. 5.3e-164;
2; Mismatches 30;
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N.W.
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                                                                                                  Length 476;
                                                                   Indels
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                                                                 Gaps
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GENERAL INFORMATION:

APPLICANT: Bark, John E.

APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Seldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Reference: 6652.1890001

FILE REFERENCE: 0652.1890001

FILE REFERENCE: 1999-04-29

CURRENT APPLICATION NUMBER: 1998-04-20

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER PILING DATE: 1998-04-30

EARLIER PILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SOUTWARE: Patentin Ver. 2.0

SEQ ID NO 30

LENGTH: 472

TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TO
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ORGANISM: Homo sapiens
:-09-301-593-30
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                                          --DYSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV 177
                                                                                                                                                                                        wgwswvplpilsgtagvlsevoloosgpelvkpgasvkwscktskytpteytihwvrosh
                                                                                                                                          AYGYDEGHAMDYWGQGTSVTVSS-STKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV
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US-09-049-672A-8
; Sequence 8, Application US/09049672A
; Patent No. 6135941
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MEDIUM TYPE: Diskette
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MEDIUM TYPE: Diskette
MEDIUM SYSTEM: DOS
MINIMARE: FASTSEQ for Windows Version 2.
MEDIUM SPECIAL NUMBER: US/09/049,672A
MEDIUM NUMBER: US/09/049,672A
MEDIUM DATE: HEREWITH
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STRANDENESS: singl
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTUT'
CLONE: 27/~~
CLONE: 27/~~
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APPLICANT: Yue, Henry
APPLICANT: Au-Young, Janice
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
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ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
AMBE: CERTORS, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELECOMPONE: 650-855-0555
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CITY: Palo Alto
STATE: CA
COUNTRY: USA
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LENGTH: 467 amino acids
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3174 Porter Drive
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RESULT 6
US-09-027-449-71
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Patent No.
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Best Local Similarity
Matches 413; Conserv
                                            MEDIUM TYPE: 3.5 inch, 1.44 Mb flops COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech) CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/027,449 FILING DATE: 20-Feb-198 CLASSIFICATION UMBER: 60/074,330 PRICH APPLICATION NUMBER: 60/074,330 PILING DATE: 22-Jan-1998 PRICH APPLICATION DATA: APPLICATION NUMBER: 60/038,664 APPLICATION NUMBER: 60/038,664 APPLICATION NUMBER: 60/038,664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gonzal
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APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
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ATTORNEY/AGENT INFORMATION:
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Love, Richard B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWBSNGOPENNYKTTPPVLDSDGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ILFLVAAATGTHAQVQLVQSGAEVKKPGASVQVSCTVSGFTLSDLSVHWVRQAPGQGLEW
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                                                                                                                                                                                                                                                                                                                                                                              Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                               Francisco
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                                                                                                                                                                                                                                                             1.44 Mb floppy
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TYPE: A52 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
US-09-027-449-71
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US-09-026-985-71
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COUNTRY: USA
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flor
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DAS
                                                                                                                                                                                                                                                                                                                                    Sequence 71, Applicat Patent No. 6133426 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE DOCKET NUMBER: 34,659
REFERENCE DOCKET NUMBER: P10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
TELEPHONE: 650/225-5530
                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                   STATE: California
                                                                                                                                                                   CITY: South San
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5. 6133426
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1 DNA Way
                                                                                                                                                                                                                                                                                                                      Gonzalez, Tania R.
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                                                                                                                                                                    Francisco
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                                                                                                                                                                                                    Inc.
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                                                                                1.44 Mb floppy
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Pred. No. 4e-162
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US-09-121-952A-71
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                                                                                                                                                                                    Sequence 71, Applicatic Patent No. 6458355
GENERAL INFORMATION:
APPLICANT: Genented APPLICANT: Koumenis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 87.1%; Score 2189.5; DB 3; Best Local Similarity 89.6%; Pred. No. 4e-162; Matches 405; Conservative 28; Mismatches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 71:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                     APPLICANT: Genentech, Inc., Hsei, Vanessa
APPLICANT: Koumenis, Iphigenia
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
APPLICANT: Shahrokh, Zahra
APPLICANT: Sapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/026,985
FILING DATE: 20-Feb-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 452 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                         ADDRESSEE:
STREET: 1
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California
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      RESULT 9
US-09-234-340A-71
; Sequence 71, Application US/09234340A
; Patent No. 6468532
; GENERAL INFORMATION:
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FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/075467
FILING DATE: 20-TBE-1998
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, RICHARD:
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1085R4
TELECOMMUNICATION INFORMATION:
TELEPAN: 650/225-5530
TELEPAN: 650/952-9881
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/121,952A
FILING DATE: 24-Jul-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: 60/074330
DATION NUMBER: 60/074330
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Best Local (
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                                                                                                                                                                                                                       GGPSVPLFPPKDKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ
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RWOOGNVFSCSVMHEALHNHYTOKSLSLSPGK
                                 RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                  EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
                                                                                     BEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPFVLDSDGSFFLYSKLTVDKS 438
                                                                                                                                   YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
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Best Local Similarity
Matches 405; Conserv
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FILING DATE: 24-Jul-1998
APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
FILING DATE: 20-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, RICHARD
REGISTRATION NUMBER: 34,659
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: P10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-530
TELEPHAX: 650/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: MITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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452 amino acids
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Koumenis, Iphigenia
Leong, Steven R.
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89.6%;
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                                                                                                                                                                                                                                                                                                                                    Score 2189.5; DB 4;
Pred. No. 4e-162;
28; Mismatches 18;
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              SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: BPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: BPO 97870122.5
PRIOR APPLICATION NUMBER: BPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOPTWARE: PATENTIN NOS: 104
SOPTWARE: PATENTIN VETSION 3.0
SEQ ID NO 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 10
US-09-485-737B-67
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APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MC
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES
FILE REFERENCE: INNS:015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 86.1%; Score 2166; DE Best Local Similarity 87.7%; Pred. No. 2.8e-Matches 408; Conservative 21; Mismatches
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 124 -MDYWGQGTTVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGA
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                                                 PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG
                                                                                                         EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQ
                                                                                                                                                                                                                     THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV
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US-09-485-737B-90

IS-09-485-737B-90

Sequence 90, Application US/09485737B

Patent No. 6350860

GENERAL INFORMATION:

APPLICANT: Buyse, Marie-Ange

APPLICANT: Sablon, Erwin

TITLE OF INVENTION: INTERFERON-Gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,

TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS

FILE REFERENCE: INNS:015

CURRENT APPLICATION NUMBER: US/09/485,737B

CURRENT PILLING DATE: 2000-02-14

PRIOR APPLICATION NUMBER: US/09/485,737B

FRIOR APPLICATION NUMBER: EPO 98870139.7

PRIOR FILING DATE: 1998-06-18

PRIOR APPLICATION NUMBER: EPO 97870122.5

PRIOR FILING DATE: 1997-08-18

PRIOR FILING DATE: 1997-08-18

SOFTWARE: Patentin version 3.0
RESULT 12
US-09-301-593-18
; Sequence 18, Application US/09301593A
; Patent No. 6455677.
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Best Local Similarity
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LENGTH: 711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAPGQRLE
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                                                                                                                                                     SPPLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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GENERAL INFORMATION:

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APPLICANT: Park, John E.

APPLICANT: Garin-Chess, Pilar

APPLICANT: Bamberger, Uwe

APPLICANT: Leger, Olivier

APPLICANT: Saldanha, Jose W.

APPLICANT: Saldanha, Jose W.

APPLICANT: Saldanha, Jose W.

APPLICANT: Rettig, Wolfgang J.

APPLICANT: Rettig, Wolfgang J.

FILE REFERENCE: 0652.1890001

CURRENT FILING DATE: 199001

CURRENT FILING DATE: 1999-04-29

EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER APPLICATION NUMBER: BP 98006,049

EARLIER PILING DATE: 1998-04-18

EARLIER PILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 18

LENGTH: 453
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Best Local
                                                                                                    GENERAL INFORMATION:
APPLICANT: Paul J. Carter
APPLICANT: Leonard G. Presta
TITLE OF INVENTION: Immunoglobulin Variants
                                                                     NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
hes 406; Conserv
                                   STREET:
                                                   ADDRESSEE:
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                                 E: Genentech, Inc
1 DNA Way
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                 Francisco
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RESULT 14
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                  Sequence 22, Application Patent No. 6054297
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/05126

PILING DATE: 15-UUN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/715272

PILING DATE: 14-UUN-1991

ATTORNEY_AGENT INFORMATION:

NAME: Lee, Wendy M.

REGISTRATION NUMBER: 40,378

REGISTRATION NUMBER: 40,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 650/225-1994
TELEPAX: 650/952-9981
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Winpatin (Genentech) CURRENT APPLICATION DATA: DATA: DS-DATE: US/07/934,373C FILING DATE: 21-Aug-1992 CLASSIFICATION: 530 DELCASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
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                                                                                                                                       421
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                                                                                                                                                         KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                           SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NORFMDKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NQKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRDYSNNW---YFDVWGEGTLV 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                QVQLQQSGPELVKPGASVKISCKTSGYTFTEYTMHWMKQSHGKSLEWIGGFNPKNGGSSH
                                                                                                                                       KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 454
                                                                                                                                                                                                                                                                                                 EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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US-08-437-642B-22
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APPLICATION NUMBER: 07/934373
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146206
FILING DATE: 17-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
APPLICATION NUMBER: PCT/US92/05126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1991
ATTORNEY AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REGERENCE (OCCUMENT NUMBER)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WinPatin (Genent
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 09-May-1995
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: PO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1994
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MEDIUM TYPE: 3.5 inch, 1.44 Mb i
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICANT: Leonard G. Presta
TITLE OF INVENTION: Immunoglobulin
NUMBER OF SEQUENCES: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        y Match 85.7%; Score 2155.5; DB 3; Local Similarity 89.2%; Pred. No. 1.7e-159; hes 405; Conservative 17; Mismatches 29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Amino Acid
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CITY: South San Francisco
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                     EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
                                                                                                 LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
                                                                                                                                                                        LQSSGLYSLSSVYTVPSSSLGTQTY1CNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE
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EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
                                                                           LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
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RESULT 15
US-08-146-206C-22
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TELEPAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 22
SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 22, Application US/08146206C Patent No. 6407213
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 85.7%; Score 2155.5; DB 4; Length 454; Best Local Similarity 89.2%; Pred. No. 1.7e-159; Matches 405; Conservative 17; Mismatches 29; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/146,206C
PRILING DATE: 17-No. 6407213-1993
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
PILLING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P0709P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Carter,
APPLICANT: Presta,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Method for Making Humanized Antibodies NUMBER OF SEQUENCES: 26 CORRESPONDENCE ADDRESS: ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: South San F:
STATE: California
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257 LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE 316
                                        181
                                                                                      197
                                                                                                                                    121 TVSSASTKGPSVPPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV 180
                                                                                                                                                              137 TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEFVTVSWNSGALTSGVHTFPAV 196
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                                                                                                                                                                                                                                                                   80 NOKFKGKATLITVDTSASTAYMELSSLRSEDTAVYYCARNRDYSNNW---YFDVWGEGTLV 136
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                                        LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPE 240
                                                                   LQSSGLYSLSSVYTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE 256
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241 LLGGPSVPLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKPNWYVDGVEVHNAKTKPRE 300 317 BQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 376 301 BQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 376 301 BQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 360 377 SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436 361 SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 420 437 KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
5_5 H_H Q_

Search completed: February 20, 2004, 13:35:04 Job time: 16.5872 secs

Run on: OM protein -

protein search,

using sw model

GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd.

Title: Perfect score:

Scoring table: sequence:

Gapop 10.0 , Gapext 0.5

801455 seqs, 209382283 residues

BLOSUM62

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 8

gummaries

Result

Score

Query 100

Length

B

SUMMARIES

2515 2504 2504 2501 2501 2499 2499 2498 2498 2485 2485 2485 2330.5 2330.5

99.4 99.4 99.4 99.4 99.3 99.3 99.8 98.8 98.8 98.8

US-10-384-933-89
US-10-216-484-89
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US-10-384-933-143
US-10-384-933-145
US-10-384-933-145
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US-10-384-933-147
US-10-384-933-147
US-10-384-933-177
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US-10-216-484-157
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US-10-216-484-157
US-09-825-012-55
US-09-825-012-55

Total number of hits satisfying chosen parameters:

Page

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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgm2-6/ptodata/1/pubpaa/USO7 PUBCOMB.pep:*

2: /cgm2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

3: /cgm2-6/ptodata/1/pubpaa/USO6 NEW PUB.pep:*

4: /cgm2-6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*

5: /cgm2-6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

6: /cgm2-6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*

7: /cgm2-6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

8: /cgm2-6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

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2515
1 MGWSCIILFLVATATGVHSQ......MHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Description
Sequence 89, Appl sequence 117, App sequence 117, App sequence 143, App sequence 143, App sequence 145, App sequence 145, App sequence 147, App sequence 147, App sequence 147, App sequence 157, App sequence 157, App sequence 157, App sequence 46, Appl sequence 55, Appl sequence 55, Appl sequence 52, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 89, Application US/10384933

Sequence 89, Application US/10384933

Sequence 89, Application US/10817A1

GENERAL INFORMATION: O. US/20030170817A1ufu8a
APPLICANT: Serizawa, No. US/20030170817A1ufu8a
APPLICANT: Haruayama, Hideyuki
APPLICANT: Makahara, Kaori

APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: NVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
FILE ROTINGLICATION NUMBER: US/10/384,933

CURRENT APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662
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US-10-384-933-89
                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
ORGANISM: Artificial Sequence: Designed heavy
ORGANISM: Description of Artificial Sequence: Designed heavy
OTHER INFORMATION: Chain of humanized anti-Fas antibody
US-10-384-933-89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
LENGTH: 470
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Best Local Similarity
Matches 470; Conserv
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US-09-825-012-89

US-09-825-012-18

US-10-377-121-18

US-10-377-121-22

US-10-25-108A-16

US-10-25-108A-16

US-10-25-708-41

US-10-290-703-3

US-10-290-703-3

US-10-353-708-47

US-10-353-708-47

US-10-171-452A-41

US-10-171-452A-47

US-10-353-708-60

US-10-171-452A-53

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sequence 43, Appl
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PILING DATE: US 09/053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
LENGTH: 470
TYPE: PRT
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Publication No. US20030103976A1
GENERAL INFORMATION:
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
181 WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVBP
                                                                       121 YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS 180
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                                                                                                                              GQRLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRD 120
                                                                                                                                                                       MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP
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                                                        YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
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Pred. No. 2.5e-166;
0; Mismatches 0;
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APPLICANT: Serizawa, No. US20030170817A1ufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Haruyama, Hideyuki

APPLICANT: Tamaki, Ikuko

ITILE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/49,662

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165
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US-10-384-933-117
; Sequence 117, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-117
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                                                                                                           KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
                                                                                                                                                                                                                                                                                                                                                                                                                                 GOGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
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Pred. No. 1.4e-165;
0; Mismatches 2;
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION UNMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
FRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
LENGTH: 470
TYPEY DETAILS
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US-10-216-484-117
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Best Local Similarity 99.6%;
Matches 468; Conservative
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APPLICANT: Haruyama, Hideyuki
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Nakahara, Kaori
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o. US20030103976A1
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LDSDGSEFTYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                     KAKGOPERBPQVYTLPPSREEMTKNOVSLTCLVKGPYPSDIAVEMESNOQPERNYKTTPPV
                                                         KAKGOPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNYKTTPPV
                                                                                   yvogvevinaktkeregovastyrvvsvijtvihodwlagkevkokvsakaleaeiektis
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pred. No. 1.4e-165;
0; Mismatches 2;
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                   RESULT 6
US-10-216-484-143
; Sequence 143, Application US/10216484
; Publication No. US20030103976A1
; PUBLICATION:
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Harvyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
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APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: ORANASHI, Tohru
APPLICANTON NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: DARLIER APPLICATION NUMBER: US/9/1
PRIOR APPLICATION NUMBER: US/09/499,662
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US-10-384-933-143
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Best Local Similarity 99.4%;
Matches 467; Conservative
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Pred. No. 2.3e-165;
1; Mismatches 2;
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
                                                                                                                                                                             US-10-384-933-145
, Sequence 145, Application US/10384933
, Publication No. US20030170817A1
, GENERAL INFORMATION:
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TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/384,9:
                                                                         APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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APPLICANT: Harnyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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                                                                                                                                                                                                                                                                                                                                                                                                        KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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                US/10/384,933
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Pred. No. 2.3e-165;
1; Mismatches 2;
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RESULT 8
US-10-216-484-145
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Matches
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Best Local Similarity
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SEQ ID NO 145
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                           APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
                                                                                                                   APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 3.2e-165;
2; Mismatches 2;
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NUMBER OF SEQ ID NOS: 165 SEQ ID NO 145 LENGTH: 470

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APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
CURRENT: Tamaki, Ikuko
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/199,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
LENGTH: 470
TYDE: DET
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US-10-384-933-147
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Query Match
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Best Local
                                                         OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                        TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/10384933
o. US20030170817A1
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Pred. No. 3.2e-165;
2; Mismatches 2;
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  Score
  2498;
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  12;
Length 470;
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TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR FILING DATE: 1098-04-01
PRIOR FILING DATE: 1998-04-01
VMMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed heaven of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property o
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Publication No. US20030103976A1
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                                                                                                                                                                                            Matches
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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Pred. No. 3.8e-165;
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
CURRENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CCURRENT APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: DATE: APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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US-10-384-933-157
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Matches 463
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Publication No.
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                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                   121 YSNNWYFDVWGEGTLYTVSSASTKGPSVFFLAPSSKSTSGGTAALGCLVKDYFPEPVTVS 180
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                                                                                                                                              61 GQRLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRD 120
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                                       YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
                                                                                                                GOGLEWMGEIDPSDSYTNYNOKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRD
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o. US20030170817A1
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Pred. No. 3e-164;
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
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US-10-216-484-157
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SEQ ID NO 157
LENGTH: 470
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Best Local Similarity
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                                                                                                                    WINSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTY1CNVNHKPSNTKVDKRVEP
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   YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS 360
                                             KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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Pred. No. 3e-164;
3; Mismatches
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GENERAL INFORMATION:

APPLICANT: Young, Robert

ITILE OF INVENTION: Compounds for Targeting

FILE REFERENCE: 43191-256808

CURRENT APPLICATION NUMBER: US/09/825,012

CURRENT FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: US 60/237,159

PRIOR FILING DATE: 2000-10-02

PRIOR APPLICATION NUMBER: US 0008049.9

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 102

SOFTWARE: Patentin version 3.1

SEQ ID NO 46

LENGTH: 731
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Best Local
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                  LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSFGK 470
                                                                    KAKGOPREPOVYTLPPSRDELTKNOVSLTCLVKGPYPSDIAVEWESNGOPENNYKTTPPV
                                                                                    KAKGQPRBPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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GENERAL INFORMATION:
APPLICANT: Young, Robert
ITTLE OF INVESTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR PILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.1
SEQ ID NO 55
LENGTH: 741
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Patent No. US20020122798A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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ORGANISM: Artificial Sequence
PEATURE:
                                  421
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                         LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                     KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
                                                                                                          KAKGOPREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV 420
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
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92.3%;
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Pred. No. 2.6e-153;
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120

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177

Sequence 52, Application US/09825012
Patent No. US20020122798A1
GENERAL INFORMATION:
APPLICANT: Young, Robert
ITITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT EPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02

RESULT 15 US-09-825-012-52

417

357

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; PRIOR APPLICATION NUMBER: GB 0008049.9

PRIOR FILING DATE: 2000-04-03;

NUMBER OF SEQ ID NOS: 102

SEQ ID NO 52;

LENGTH: 729

TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE: INFORMATION: Humanised HMFG1 heavy chain - DNase I fusion
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           LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 469
                                        KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV 420
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 466
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Search completed: February 20, 2004, 14:25:32 Job time : 36.6422 secs

Run on: OM protein -

protein search, using sw model

GenCore version Copyright (c) 1993 - 2004

5.1.6 Compugen Ltd.

Title: Perfect score:

US-09-499-662-107 1242 1 METDTILLWVLLLWVPGSTG......EVTHQGLSSPVTKSENRGEC 238

February 20, 2004, 13:23:52; Search time 7.89311 Seconds (without alignments) 1275.794 Million cell updates/sec

Scoring table: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters:

328717 seqs, 42310858 residues

328717

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Issued Patents AA:*

1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgm2_6/ptodata/1/iaa/PcTUS_COMB.pep:*

6: /cgm2_6/ptodata/1/iaa/backfiles1.pep:*

Searched:

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RESULT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US96-13152-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application PC/TUS9613152 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MATTIN, Ulrich, et al TITLE OF INVENTION: Anti-selecti NUMBER OF SEQUENCES: 4
CORRESSONDENCE ADDRESS: 4
ADDRESSEE: Felfe & Lynch ADDRESSEE: Attn: Norman D. Hans STREET: 805 Third Avenue CITY: New York STRIET: New York
                                                      PCT-US96-13152-2
                                                                                                                                                                                                                                                                                                                                                                  ZIP: 10022

ZIP: 10022

COMPUTER READABLE FORM:

COMPUTER: 3.5" Computer Disk

MEDIUM TYPE: 3.5" Compatible

COMPUTER: IBM PC compatible

COMPUTER: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/13152

FILING DATE:

FILING DATE:
                                                                                                                                                                           CLASSIFICATION:
CLASSIFICATION:
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 08/578,953
APPLICATION NUMBER: 09/5112 895.8
FILING DATE: 27-Dec-95
FILING DATE: 17-Aug-95
APPLICATION NUMBER: EP 95 114 969.9
FILING DATE: 19-Sep-95
ATTORNEY/AGENT INFORMATION:
NAME: NOTMAN D. HANSON
REGISTRATION NUMBER: 30,946
REGISTRATION NUMBER: 30,946
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: 30,946
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
Query Match
Best Local Similarity 91.3
Matches 199; Conservative
                                                                                                                              TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                   TENGTH: 218
TYPE: amino acid
STRANDEDNESS: sinc
TOPOLOGY: linear
MOLECULE TYPE: prote
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91.3%;
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US-08-276-852-153
US-08-899-575-153
US-08-899-575-153
US-08-899-575-153
US-08-195-08743-153
US-07-934-373C-25
US-07-934-373C-25
US-08-146-26C-25
US-08-146-26C-25
US-08-146-2753-6
US-09-041-889-11
US-08-4373C-39
US-08-4373C-39
US-09-417-264-11
US-08-4373C-39
US-08-4373C-39
US-08-157-101A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       D. Hanson
       ; Score 1050; DB 5; Length 218; ; Pred. No. 3.1e-81; 10; Mismatches 9; Indels
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1 3 4 4 4 4 4 6 6 6 7 7 10 11 11 11 11 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19	Result No.
1050 1038 1036 1036 1036 1036 1036 1036 1003 1003	Score
83.4 83.4 83.4 83.4 83.4 83.6 81.6 81.6 81.6 81.6 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3	Query Match Length
218 218 218 218 218 218 218 218 218 218	! 0
4 US-09-3 US-08-3 US-09-3 US-08-3 US-0	ij
WS-09-301-593-36 WS-08-887-352B-13 WS-08-466-151-9 WS-08-466-151-9 WS-09-109-207-13 WS-09-266-005-13 WS-09-282-505-1 WS-09-282-505-1 WS-09-282-846-1 US-09-887-352B-17 US-08-887-352B-17 US-08-887-352B-17 US-08-887-352B-17 US-08-887-352B-17 US-08-887-352B-19 US-08-887-352B-19 US-08-887-352B-19 US-08-887-352B-19 US-08-887-352B-19 US-09-109-207C-15 US-09-109-207C-17 US-09-109-207C-17 US-09-109-207C-17 US-09-109-207C-17 US-09-109-207C-18 US-09-109-207C-19 US-09-109-207C-19 US-09-109-207C-19 US-09-109-207C-19 US-09-109-207C-19 US-09-109-207C-19 US-09-109-207C-19 US-09-206-005-15 US-09-206-005-15 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16 US-09-206-005-16	
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Sequence Sequence	Description Sequence 2
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; SOFTWARE: PATENTIN Ver. 2.0
; SEQ ID NO 36
; LENGTH: 240
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-301-593-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Park, John E.
APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Rettig, Wolfgang J.
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1998-04-39
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US/09/301,593A
EARLIER APPLICATION NUMBER: US/09/301,593A
EARLIER APPLICATION NUMBER: US/09/301,593A
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EARLIER APPLICATION NUMBER: US/09/301,593A
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EARLIER APPLICATION NUMBER: US/09/301,593A
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US-08-887-352B-13
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US-09-301-593-36
    Sequence 13, Application US/08887352B Patent No. 5994511
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonas GTITLE OF INVENTION: Improved Anti-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local (
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                           Leonard G. Presta, Paula M. Jar
d Anti-IgE Antibodies and Method
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thod of
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                                                    John Lowe
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                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/08466151 Patent No. 6037453
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Best Local Similarity
                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 650/225-148
TELEPAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: 3.5 inch, 1.44 Mb:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
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                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
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                                                                                                                                                          STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 218 amino acids
TYPE: Amino Acid
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CITY: South San Francisco
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                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                            ADDRESSEE:
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SOPTWARE: WinPatin (Ge CURRENT APPLICATION DATA: APPLICATION NUMBER: US

(Genentech)

US/08/466,151

FILING DATE: CLASSIFICATION:

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CURRENT APPLICATION NUMBER: US/09/109,207C
CURRENT PILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/051,554
PRIOR PILING DATE: 1997-07-03
NUMBER: OS 60/051,554
PRIOR FILING DATE: 1997-07-03
NUMBER: OS 80/051,554
PRIOR FILING DATE: 1997-07-03
LENGTH: 218
LENGTH: 218
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US-09-109-207C-13
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Best Local Similarity
Matches 196; Conserv
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 07/744768
PILING DATE: 14-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 90718P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
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APPLICATION NUMBER: 08/466.

FILING DATE: 06-Jun-1995

APPLICATION NUMBER: 08/405.

FILING DATE: 15-MAR-1995

FRIOR APPLICATION DATA:
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                                                                                                                                                                             APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptide
FILE REFERENCE: P1123R1
                 ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/8
FILING DATE: 07-MAY-1992
NAME/KEY: Artificial
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FILING DATE: 26-JAN-1994
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89.9%; Pred. No. 4.8e-80;
tive 12; Mismatches 10;
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; LOCATION: 1-218; OTHER INFORMATION: Light chain sequence derived from MAE11 US-09-109-207C-13
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US-09-296-005-13
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Best Local Similarity
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LENGTH: 218
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides FILE REFERENCE: P1123Clr CURRENT APPLICATION NUMBER: US/09/296,005 CURRENT FILING DATE: 1999-04-21 EARLIER APPLICATION NUMBER: US 08/887,352 EARLIER FILING DATE: 1997-07-02 NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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ORGANISM: Artificial
FEATURE:
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LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from MAE11
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                                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
                                                                                                                         Application US/09296005
   STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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89.9%; Pred. No. 4.8e-80;
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89.9%; Pred. No. 4.8e-80;
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RESULT 7 US-08-466-163B-9 ; Sequence 9, Application US/08466163B ; Patent No. 6329509

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PRIOR FILING DATE: 1995-03-15
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR FILING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR FILING DATE: 1992-05-07
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR PILING DATE: 1991-08-14
                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/09282505A
Patent NO. 6194551
GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P126R1
CURRENT APPLICATION NUMBER: US/09/282,505A
CURRENT FILING DATE: 1999-03-31
                                                                                                                                                         Patent No. 6194551
                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID SEQ ID NO 1
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LENGTH: 218
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APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: P0718P2C1D1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT FILING DATE: 1995-06-06
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                                                                                                                                                                   NAME/KEY: Artificial Sequence
LOCATION: 1-218
OTHER INFORMATION: Sequence is completely synthesized
                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
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                                                           Conservative
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                                                                             81.6%; Score 1013; DB 3;
88.1%; Pred. No. 4.1e-78;
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89.9%; Pred. No. 4.8e-80;
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RESULT 10
US-09-282-846-1
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US-09-054-255-1
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Patent No. 6242195
GENERAL INFORMATION:
APPLICANT: Esche Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
                                                                                                               NUMBER OF SEQ ID NOS:
SEQ ID NO 1
                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                          Sequence 1, Application US/09282846 Patent No. 6528624
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SEQ ID NO 1
LENGTH: 218
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                                                                                                                                                  APPLICANT: Bsohe Bkinaduese Idusogie et al. TITLE OF INVENTION: Polypeptide Variants FILE REFERENCE: P1266R2 CURRENT APPLICATION NUMBER: US/09/282,846 CURRENT FILING DATE: 1999-03-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: P1266
CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: E27 anti-IgE antibody light chain
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                                     ORGANISM: Artificial Sequence FEATURE:
                                                                            LENGTH: 218
TYPE: PRT
NAME/KEY: Artificial Sequence LOCATION: 1-218
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88.1%; Pred. No. 4.1e-78;
tive 14; Mismatches 12;
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; Sequence 1, Application US/09680145
; Patent NO. 6538124
; GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
; FILE REFERENCE: P1266R1
; CURRENT APPLICATION NUMBER: US/09/680,145
; CURRENT TILING DATE: 2000-10-03
; PRIOR PILING DATE: 1999-03-13
RESULT 12
US-08-887-352B-15
; Sequence 15, App
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Matches
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SEQ ID NO 1
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Best Local Similarity
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ORGANISM: Artificial Sequence
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                                                                                                               STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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   Application US/08887352B
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; Pred. No. 4.1e-78;
14; Mismatches 12.
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Pred. No. 4.1e-78;
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Best Local Similarity
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MEDIUM TYPE: 3.5 inch, 1.44 Mb f
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,35
FILING DATE: 03-Jul-1997
CILASIFICATION: 1076UMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 39,044
REFERENCE/DOCKET NUMBER: 1123
TELEPHONE: 650/225-1489
TELEPHONE: 650/225-1489
                                                                                                     GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu,
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
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APPLICANT: Henry B.
TITLE OF INVENTION:
TITLE OF INVENTION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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STREET: 1 |
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                                 CITY: South San Francisco
STATE: California
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Improved Anti-IgE Antibodies and Method of
Improving Polypeptides
26
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6%; Pred. No. 7.4e-78;
15; Mismatches 12;
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 incl

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 19, Application US/08887352B
Patent No. 5994511
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,35
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 17:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Amino Acid
TOPOLOGY: 1.1-
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                                                               MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech) CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/887,352B FILING DATE: 03-0ul-1997 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
             ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
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MEDIUM TYPE: 3.5 incl
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REFERENCE/DOCKET NUMBER:
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IBM PC compatible
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Pred. No. 7.4e-78;
   P1123
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 59945
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 24, Application US/08887352B
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INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
Query Match 81.3%; Score 1010; DB 2; Best Local Similarity 87.6%; Pred. No. 7.4e-78; Matches 191; Conservative 15; Mismatches 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                            TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 24:
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                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of TITLE OF INVENTION: Improving Polypeptides

NUMBER OF SEQUENCES: 26
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc
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                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/887,352B FILING DATE: 03-Jul-1997 CLASSIFICATION: 530
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Amino Acid
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87.6%;
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                                         DB 2;
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Listing first 45 summaries
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Maximum DB seq length: 200000000
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1: /cgn2 6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2 6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

3: /cgn2 6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

4: /cgn2 6/ptodata/1/pubpaa/US06 PUBCOMB.pep:*

5: /cgn2 6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*

6: /cgn2 6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

7: /cgn2 6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*

9: /cgn2 6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*

9: /cgn2 6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

10: /cgn2 6/ptodata/1/pubpaa/US09E PUBCOMB.pep:*

11: /cgn2 6/ptodata/1/pubpaa/US09E PUBCOMB.pep:*

12: /cgn2 6/ptodata/1/pubpaa/US09E PUBCOMB.pep:*

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Gapop 10.0 , Gapext 0.5
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-384-933-107
US-10-216-484-107
US-10-216-484-50
US-10-316-484-50
US-10-384-933-109
US-10-384-933-52
US-10-384-933-52
US-10-384-933-54
US-10-384-933-129
US-10-384-933-129
US-10-216-484-131
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US-10-216-484-131
US-10-316-484-131
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  Sequence 107, App
Sequence 50, Appl
Sequence 50, Appl
Sequence 109, Appl
Sequence 119, Appl
Sequence 52, Appl
Sequence 52, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 129, App
Sequence 129, App
Sequence 131, App
Sequence 131, App
Sequence 131, App
Sequence 137, App
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Query Best Match Qy Db	RESULT US-10-2 Seque Publi GENEE GENEE APPI APPI APPI APPI APPI APPI APPI AP		16 17 118 20 21 21 21 22 22 22 23 22 23 23 24 33 33 33 33 34 44 44 44 44 44 44 44 44
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; Score 1242; DB 12; ; Pred. No. 3.7e-85; 0; Mismatches 0; I TGBIVLTQSPGTLSLSPGERATLS	Antibodies S/10/384,933 -05 09/499,662 LIER APPLICATION NUMBER: LING DATE: 1998-04-01 e on of Artificial Sequenchumanized anti-Fas antib	ALIGNMENTS	US-10-216-484-127 US-10-353-708-38 US-10-353-708-56 US-10-171-452A-38 US-10-171-452A-56 US-10-353-708-44 US-10-353-708-44 US-10-153-382-7 US-09-89-053-34 US-10-153-382-15 US-09-89-053-38 US-09-925-179-67 US-09-925-179-67 US-10-291-265-804 US-10-291-265-806 US-10-291-265-807 US-09-802-077-9 US-09-802-077-9 US-09-802-077-9 US-09-920-171-13 US-09-933-245-237 US-10-353-708-57
Indels 0; Gaps 0; SCKASQSVDYDGDSYMWY 60 SCKASQSVDYDGDSYMWY 60 SCKASQSVDYDGDSYMWY 60 LEPEDFAVYYCQQSNEDFR 120	09/053		Sequence 127, Appl Sequence 38, Appl Sequence 56, Appl Sequence 56, Appl Sequence 50, Appl Sequence 50, Appl Sequence 7, Appl Sequence 7, Appl Sequence 11, Appl Sequence 11, Appl Sequence 13, Appl Sequence 2, Appl Sequence 38, Appl Sequence 80, Appl Sequence 80, Appl Sequence 807, Appl Sequence 90

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US-10-216-484-107
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                                                                                                                                                                         Sequence 50, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 107, Application US/10216484 Publication No. US20030103976A1
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                                                                   APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT 3 PPLICATION NUMBER: US/10/384,9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 238
TYPE: PRT
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             NUMBER: US/10/384,933
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 1242; DB 15; 100.0%; Pred. No. 3.7e-85; ative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR FILING DATE: 2000-02-09
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US-10-216-484-50
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
                                                                                                                                Matches
                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 50
LENGTH: 238
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Publication No. US20030103976A1
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Matches 235; Conserv
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PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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                                                                  1 METDTILLMVILLLMVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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  QQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQSNEDPR 120
                                            METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMWY
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                                                                                                                             Conservative
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                                                                                                                                               99.0%;
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                                                                                                                           Score 1230; DB 15
Pred. No. 2.9e-84;
2; Mismatches 1
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Pred. No. 2.9e-84;
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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Nakahara, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Nakahara, Kaori
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/9/449,662
PRIOR APPLICATION NUMBER: US/9/449,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/153,583
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-01
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01
US-10-216-484-109

(S-10-216-484-109)

(Sequence 109, Application US/10216484)

(Sequence 109, Application VS/10216484)

(GENERAL INFORMATION:

(APPLICANT: Serizawa, No. US20030103976Alufusa APPLICANT: Haruyama, Hideyuki

(APPLICANT: Haruyama, Hideyuki

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

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APPLICANT: Takahashi, Tohru

APPLICANT: Takahashi, Tohru
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US-10-384-933-109
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Best Local S
Matches 232
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LENGTH: 238
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ORGANISM: Artificial Sequence
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Pred. No. 1.5e-82;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
ERIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
LENGTH: 238
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                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-52
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
LENGTH: 238
TYPE: PRT
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APPLICANT: Takahashi, Tohru
TiTLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
FILE REPERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
                                                                            Query Match
Best Local Similarity
                                                              Matches 230;
                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
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milarity 96.6%;
Conservative
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97.5%;
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Pred. No. 1.5e-82;
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                                                                                     Score 1201; DB 12
Pred. No. 4.2e-82;
                                                                          Mismatches
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Sequence 54, Application US/10384933

Publication No. US20030170817A1

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
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FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION UNMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE: OF TABLE OF SECURITION DESCRIPTION OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECURE OF SECUR
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
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Best Local Similarity
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10. US20030103976A1
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US-10-216-484-54
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 54
LENGTH: 238
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                                                                        Matches
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Best Local Similarity
                                                                                                           Query Match
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                  LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Se OTHER INFORMATION: chain of humanized anti-Fas
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Pred. No. 1.7e-81;
                                                                                          Score 1193; DB 15
Pred. No. 1.7e-81;
                                                                          Mismatches
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RESULT 11
US-10-384-933-129
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         Sequence 129, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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OTHER INFORMATION:
-10-384-933-129
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: ENGLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
TYPE: PRI
CENTENT APPLICATION NUMBER: OF SEQ ID NO 129
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
APPLICANT:
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Takahashi, Tohru
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Pred. No. 2.6e
9; Mismatches
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                                                                             ; OTHER INFORMATION:
; OTHER INFORMATION:
US-10-384-933-131
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LENGTH: 238
                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 131, Application US/10384933 Publication No. US20030170817A1 .
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                             TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER:
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Kuko
APPLICANT: Takahashi, Tohru
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                    TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        y match
Local Similarity 93.3%;
hes 222; Conservative
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                                                                                                   Description of Artificial Sequence: Designed chain of humanized anti-Fas antibody
                   94.5%;
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Score 1174; DI
Pred. No. 4.3e-
9; Mismatches
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Pred. No. 2.6e-80;
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4;
4.3e-80;
7;
                                        DB 12;
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PILING DATE: 1090-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER: OF SEQ ID NOS: 165
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US-10-216-484-131
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                                                                                                                             Sequence 127, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 222; Conserv
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APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: chain of humanized anti-Fas antibody
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Takahashi,
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; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                             Matches 221;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION: NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
181
                                      181
                                                                              121
                                                                                                                    121
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                                                                                                                                                                                                                                                                1 METDTILLMVLLLMVDGSTGEIVLTQSPGTLSLSDGERATLSCKASQSVDYDGDSYMMWY
                                                                                                                                                                                      QQKPGQAPRILIYAASNLESGIPDRFSGSGSGTDFTLTISRLEPEDFAVYYCQQSNEDPR.120
                                                                                                                                                                                                                                             METDTILLMVLLLMVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
                                        GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
                                                                                                            TFGQGTKLEIKRTVAAPSVPIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
                                                                                                                                                            QQKPGKAPKLLIYAASNLESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
                                                                              TFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS
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                                                                                                                                                                                                                                                                                                                                              94.4%;
                                                                                                                                                                                                                                                                                                                             10;
                                                                                                                                                                                                                                                                                                                         Score 1173; DB 12
Pred. No. 5.1e-80;
LO; Mismatches 7
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  238
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Search completed: February 20, 2004, 14:25:33 Job time: 19.0486 secs

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OM protein - protein search, using sw
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-499-662-109
1245
1 METDTILLWVLLLWVPGSTG......EVTHQGLSSPVTKSFNRGEC 238
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Issued_Patents_AA:*
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Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         query
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82.5
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/bcTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/bcKfIles1.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length DB
GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2004, 13:23:52; Search time 7.89311 Seconds (without alignments) 1275.794 Million cell updates/sec
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                                            PCT-US96-13152-2
US-09-301-593-36
US-08-487-3528-13
US-08-466-151-9
US-09-296-005-13
US-09-296-005-13
US-09-296-005-13
US-09-296-255-1
US-09-296-255-1
US-09-296-255-1
US-09-287-3528-15
US-08-887-3528-17
US-08-887-3528-17
US-09-109-207C-17
US-09-109-207C-17
US-09-109-207C-19
US-09-109-207C-19
US-09-109-207C-19
US-09-109-207C-19
US-09-109-207C-19
US-09-296-005-17
US-09-296-005-17
US-09-296-005-19
US-09-296-005-19
US-08-487-550-6
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                                   Sequence 2, Appli
Sequence 36, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 11, Appli
Sequence 15, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 18, Appl
Sequence 19, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 12, Appl
Sequence 13, Appl
Sequence 14, Appl
Sequence 14, Appl
Sequence 24, Appl
Sequence 24, Appl
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Sequence 24, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 26, Appli
Sequence 26, Appli
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       Sequence
Sequence
Sequence
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PCT-US96-13152-2
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931	931	931.5	936	936	936	937	939.5	939.5	939.5	939.5	941.5	941.5	941.5	941.5	945.5	959	
74.8	74.8	74.8	75.2	75.2	75.2	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.9	77.0	;
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•		40,	99,	39,	39,	39,	28,	25,	Sequence 25, Appl	Sequence 25, Appl	-	Sequence 153, App	153,	•	•		Sequence 6, Appli

ALIGNMENTS

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Sequence 2, Application PC/TUS9613152
GENERAL INFORMATION:
APPLICANT: Martin, Ulrich, et al.
TITLE OF INVENTION: Anti-selectin antibodies for prevention of multiple organ
NUMBER OF SEQUENCES: 4
                                                                                        PCT-US96-13152-2
                                                                                                                                                                                                                                                                                    FILING DATE:

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/578,953

APPLICATION NUMBER: EP 95 112 895.8

FILING DATE: 17-Aug-95

FILING DATE: 19-Aug-95

APPLICATION NUMBER: EP 95 114 969.9

FILING DATE: 19-Sep-95

ATTORNEY/AGENT INFORMATION:

NAME: NOrman D. Hanson

REGISTRATION NUMBER: 30,946

REGISTRATION NUMBER: BOER 1059-PCT-PFF/NDH

REFERENCE/DOCKET NUMBER: BOER 1059-PCT-PFF/NDH

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Computer Disk
MEDIUM TYPE: 3.5" Computer Disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/13152
Query Match
Best Local Similarity 89:
Matches 196; Conservative
                                                                                                                                                                                                                                         TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 805 Third Avenue CITY: New York STATE: New York COUNTRY: U.S.A.
                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Felfe & Lynch ADDRESSEE: Attn: Norman D.
                                                                                                                                TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10022
                                                                                                                  protein
       82.8%; Score 1031; DB 5;
89.9%; Pred. No. 9.9e-81;
tive 11; Mismatches 11
                                                           Length 218;
                     Indels
                          0
                            Gaps
                            0;
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APPLICANT: Park, John E.
APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Bamberger, Uwe
APPLICANT: Legar, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.189001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1998-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOPTWARE: Patentin Ver. 2.0
; Sequence 13, Application ; Sequence 13, Application ; Patent No. 5994511 ; GENERAL INFORMATION: , APPLICANT: Henry B. I ; TITLE OF INVENTION: 1
                                                                                                                                       US-08-887-352B-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens US-09-301-593-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 2
US-09-301-593-36
                                                                                                                                                              RESULT 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 82.5%;
Best Local Similarity 82.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 197; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 240
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                        121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                                                                                                                                                                                                                                                                                                                                                                                   61
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                                                                                                                                                                                                                                                                  QSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKYYACEVTHQGLSSPVTKSFNRGEC
                                                                                                                                                                                                                                                                                                                                      PLTFGGGTKVBIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNAL 180
                                                                                                                                                                                                                                                                                                                                                                    PRTFGQGTKLBIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNAL 178
                                                                                                                                                                                                                                                                                                                                                                                                                                   WYQQKPGQPPKLLIFWASTRESGVPDRFSGSGFGTDFTLTISSLQAEDVAVYYCQQYFSY 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WYQQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNED 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                METDTLLLMVLLLMVPGSSGDIVMTQSPDSLAVSLGERATINCKSSQSLLYSRNQKNYLA 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGD--SYMN 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STLTLSKADYEKHKVYACEVTHOGLSSPVTKSFNRGEC 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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                                                                                                                                                                                                                                       QSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
                                                                                                              Application US/08887352B
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               Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US/09301593A
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; Pred. No. 2.4e-80;
20; Mismatches 21
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                                             John Lowe
                                                                                                                                                                                                                                                                                    238
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TOPOLOGY: US-08-887-352B-13
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                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08466151 Patent No. 6037453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/887,352B
FILING DATE: 03-Uul-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Syoboda, Craig G.
REGISTRATION NUMBER: 39,044
REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                          NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
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STREET: 1 L...
CITY: South San Fra
CTATE: California
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                                                                                                                            STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
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                                                                                                         COUNTRY:
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                                                                                                             USA
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60 80

SOFTWARE: WinPatin (Ge CURRENT APPLICATION DATA:

WinPatin (Genentech)

APPLICATION NUMBER:

US/08/466,151

1. 188. 25.

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RESULT 5
US-09-109-207C-13
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                                                                                                                                                                                                                                            Sequence 13, Application US/09109207C Patent No. 6172213
GENERAL INFORMATION:
                                                                  NUMBER OF SEQ ID NOS:
SEQ ID NO 13
LENGTH: 218
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                                                                                                                                                       APPLICANT: Henry B. Lowman, Leonard G. Pre
TITLE OF INVENTION: Improved Anti-IgE Anti
FILE REFERENCE: P1123R1
CURRENT APPLICATION NUMBER: US/09/109,207C
CURRENT FILING DATE: 1998-06-30
                                                                                                                         PRIOR APPLICATION NUMBER: US 60/051,554 PRIOR FILING DATE: 1997-07-03
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INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/405617
PILING DATE: 15-MAR-1995
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 08/185899
PILING DATE: 26-CAN-1994
PRIOR APPLICATION DATE:
APPLICATION NUMBER: 07/879495
                  ORGANISM: Artificial FEATURE:
                                                     TYPE: PRT
 NAME/KEY: Artificial
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: PO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/:
FILING DATE: 14-AUG-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 218 amino acids
TYPE: Amino Acid
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                                                                                                                                                                                                           Lowman, Leonard G. Presta, Pa
Improved Anti-IgE Antibodies
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US-08-466-163B-9

iS-08-66-163B-9

; Sequence 9, Application US/08466163B

; Patent No. 6329509
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; FRATURE:
, NAME/KBY: Artificial
, LOCATION: 1-218
; OTHER INFORMATION: Light chain sequence derived from MAE11
US-09-296-005-13
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; OTHER INFORMATION: Light chain sequence derived from MAE11 US-09-109-207C-13
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LENGTH: 218
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Patent No. 6290957
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Best Local
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CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER FILING DATE: 1997-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides FILE REFERENCE: P1123C1r
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
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Local Similarity 88.5%;
nes 193; Conservative 1
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Local Similarity 88.5%;
local Similarity 188.5%;
les 193; Conservative 1
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STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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Pred. No. 1.6e-79;
.3; Mismatches 12
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Pred. No. 1.6e-79;
.3; Mismatches 12;
                                                                                                                                                                                                                                                                                                                        DB 3;
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SEQ ID NO 1
LENGTH: 218
TYPE: PRT
ORGANISM: Artificial Seq
FEATURE:
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US-09-282-505-1
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APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
PILE REFERENCE: P0718P2C1D1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT FILLING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILLING DATE: 1995-03-15
PRIOR PILLING DATE: 1995-03-15
PRIOR PILLING DATE: 1994-01-26
PRIOR PILLING DATE: 1994-01-26
PRIOR PILLING DATE: 1994-01-26
PRIOR PILLING DATE: 1992-05-07
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR PILLING DATE: 1992-05-07
PRIOR PILLING DATE: 1992-05-07
PRIOR PILLING DATE: 1991-08-14
                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09282505A
Patent No. 6194551
GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/282,505A
CURRENT FILING DATE: 1999-03-31
                                                                                                                                                                NAME/KEY: Artificial Sequence
LOCATION: 1-218
OTHER INFORMATION: Sequence is
Patent No. 6194551
                                                                                      Query Match
Best Local Similarity
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SEQ ID NO 9
LENGTH: 218
                                                                   Matches
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Best Local Similarity
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21 BIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWYQQKPGQAPRLLIYAASNLES
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                                                                                      79.8%; Score 994; DB 3; 86.7%; Pred. No. 1.4e-77;
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Pred. No. 1.6e-79;
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US-09-054-255-1
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US-09-282-846-1
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                                                                                                                                                   Sequence 1, Application US/09282846
Patent No. 6528624
GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P126R2
CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
                                                                                           NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
LENGTH: 218
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Patent No. 6242195
GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
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LENGTH: 218
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Best Local Similarity 86.7%;
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CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
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                                       ORGANISM: Artificial Sequence FEATURE:
                                                                          TYPE: PRT
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NAME/KEY: Artificial Sequence LOCATION: 1-218
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RESULT 12
US-08-887-352B-15
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Patent No. 6538124
GENERAL INFORMATION:
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Best Local Similarity
Matches 189; Conserv
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Patent No. 6528624
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LENGTH: 218
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TITLE OF INVENTION: POLYPEPLIGE VARIANTS
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/680,145
CURRENT FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR PILING DATE: 1999-03-13
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ORGANISM: Artificial Sequence
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86.7%;
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Pred. No. 1.4e-77;
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US-08-887-352B-17
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APPLICANT: Henry B. I
TITLE OF INVENTION: I
TITLE OF INVENTION: I
NUMBER OF SEQUENCES:
                                                                                                                                                                                          Sequence 17, Application US/08887352B Patent No. 5994511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb fl.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Windetin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,
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                                                                                             CORRESPONDENCE ADDRESS:
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COUNTRY:
ZIP: 940
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                            STREET: 1 DNA Way
CITY: South San F
STATE: California
                                                    ADDRESSEE: General
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Amino Acid
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                                                                            Genentech,
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                                               Francisco
                                                                                                              Improving
26
                                                                                                                                            Lowman, Leonard G. Presta, Paula M. Jardieu, Improved Anti-IgE Antibodies and Method of
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2%; Pred. No. 2.6e-77
16; Mismatches 1;
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COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inc

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS

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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid
                                                    SOFTWARE: Winbath (Good, No. 1970)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,3528
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CURRENT APPLICATION DATA:
APPLICATION US/08/887,352B
FILING DATE: 03-U1-1997
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
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                    NAME: Svoboda, Craig G. REGISTRATION NUMBER: 39,044
                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                CITY: South San Francisco STATE: California
REFERENCE/DOCKET NUMBER:
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86.2%;
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Pred. No. 2.6e-77;
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RESULT 15
US-08-887-352B-24
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Best Local Similarity 80.4
188; Conservative
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GENERAL INFORMATION:
APPLICANT: Henry
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                   Best Local Similarity
                                     Query Match
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INFORMATION FOR SEQ ID NO: 19:
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,
REFERENCE/DOCKET NUMBER:
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
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LENGTH: 218 amino acid
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                                                                                               TOPOLOGY:
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TYPE: Amino Acid
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79.6%; Score 991; DB 2; Length 218; 86.2%; Pred. No. 2.6e-77; tive 16; Mismatches 14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Improving Polypeptides
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                                                                                                                                                                                                                                                                       39,044
                                                                                                                                                                           24:
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Pred. No. 2.6e-77;
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Conservative

0

Search completed: February 20, 2004, 13:35:05 Job time: 7.89311 secs THIS PAGE BLANK (USPTO)

OM protein - protein search, using sw model

Copyright

Run on:

sequence: Title: Perfect score:

US-09-499-662-109

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

801455 seqs, 209382283 residues

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

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Score

Query

Length DB

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1245

1245 1239 1239 1231 1231 1207 1207 1195 1195 1158 1158 1158 1158

100.0 99.5 99.5 99.5 98.9 98.9 96.9 96.0 93.0 93.0 93.0 93.0 93.0

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Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                            Pebruary 20, 2004, 13:31:02; Search time 18.0486 Seconds (without alignments) 2761.047 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 METDTILLWVLLLWVPGSTG...........EVTHQGLSSPVTKSFNRGEC 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
US-10-384-933-109
US-10-216-484-109
US-10-316-334-933-54
US-10-216-484-52
US-10-316-384-933-107
US-10-384-933-107
US-10-384-933-50
US-10-384-933-129
US-10-216-484-131
US-10-316-484-131
US-10-316-484-131
US-10-316-484-131
US-10-316-484-131
                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                               Description
            Sequence 109, App
Sequence 52, Appl
Sequence 52, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 107, App
Sequence 107, Appl
Sequence 107, Appl
Sequence 107, Appl
Sequence 107, Appl
Sequence 1129, Appl
Sequence 129, Appl
Sequence 131, Appl
Sequence 131, Appl
Sequence 131, Appl
Sequence 131, Appl
Sequence 131, Appl
Sequence 131, Appl
                                                                                                                                                                                             US-10-384-933-109
Sequence 109, Application US/10384933
Sequence 109, Application Wo. US20030170817A1ufusa
Publication No. US20030170817A1ufusa
Applicant: Serizawa, No. US20030170817A1ufusa
Applicant: Haruyama, Hideyuki
Applicant: Haruyama, Kaori
Applicant: Tamaki, Ikuko
Applicant: Tamaki, Ikuko
Applicant: Takahashi, Tohru
Applicant: Takahashi, Tohru
Applicant: US/05/499,662
FILE REFERENCE: 980126C1P/HG
FILE REPERENCE: 980126C1P/HG
FILE REPERENCE: 2001-02-05
CURRENT FILING DATE: 2001-02-05
CURRENT FILING DATE: 2001-02-09
PRIOR Application NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR PRIOR DATE: EARLIER FILING DATE: 1998-04-01
PRIOR PRIOR DATE: 238
TYPE: PRIOR PRIOR APPLICATION: Description of Artificial Sequence: Designed light PRATURE: INFORMATION: Chain of humanized anti-Fas antibody
TOTHER INFORMATION: Chain of humanized anti-Fas antibody
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1024
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Best Local Similarity
Matches 238; Conserv
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1128
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                                                                              METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
                                   QQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDPTLTIHPVEEEDAATYYCQQSNEDPR 120
                                                                                                                                       100.0%;
milarity 100.0%;
Conservative 0;
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US-10-353-708-36

12 US-10-171-452A-36

15 US-10-171-452A-44

15 US-10-171-452A-44

16 US-10-353-708-50

US-10-1353-708-50

17 US-10-153-382-7

18 US-10-153-382-7

19 US-09-917-410-2

19 US-09-917-410-2

19 US-09-925-179-67

11 US-10-153-382-1

12 US-10-153-382-1

13 US-10-153-382-1

14 US-10-153-382-1

15 US-10-153-382-1

15 US-10-153-382-1

15 US-10-153-382-1

16 US-10-153-3708-39

17 US-10-171-452A-39

18 US-10-171-452A-39

19 US-09-802-077-9

19 US-09-802-079-9

10 US-09-925-179-9

11 US-10-149-566-102

12 US-10-149-566-102

13 US-10-149-566-102

14 US-10-449-566-102

15 US-10-449-566-102

17 US-10-449-566-102

18 US-10-449-566-102

19 US-09-925-179-9

10 US-09-925-179-9

11 US-10-449-566-102

12 US-10-449-566-102
                                                                                                                                               ; Score 1245; DB 12; ; Pred. No. 8.4e-87; 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 127, App
Sequence 56, App1
Sequence 56, App1
Sequence 44, App1
Sequence 44, App1
Sequence 44, App1
Sequence 50, App1
Sequence 50, App1
Sequence 70, App1
Sequence 71, App1
Sequence 67, App1
Sequence 67, App1
Sequence 36, App1
Sequence 36, App1
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Sequence 37, App1
Sequence 15, App1
Sequence 17, App1
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Sequence 57, App1
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Sequence 145, App1
Sequence 15, App1
Sequence 16, App1
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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIF/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
LENGTH: 238
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US-10-216-484-109
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                                                                                                                                                                                                                Sequence 52, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 1245; DB 15; Length 238; Best Local Similarity 100.0%; Pred. No. 8.4e-87; Matches 238; Conservative 0; Mismatches 0; Indels 0;
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                         APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG
                                                                                                   APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
CURRENT APPLICATION NUMBER: US/10/384,933
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLS OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/49,662
PRIOR FILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Designed ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-52
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US-10-216-484-52
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
SEQ ID NO 52
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Best Local Similarity
                                                                                                                       Matches
                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                              METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMWWY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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QQKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120
                                         METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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                                                                                                                       Conservative
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                                                                                                                     Score 1239; DB 15;
Pred. No. 2.4e-86;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 1239; DB 12;
Pred. No. 2.4e-86;
                                                                                                                                                          Length 238;
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121 TPGQGTKLEIKRTVAAPSVEIPPPSDEQLKSGTASVVCLLNNEYPREAKVQMKVDNALQS 180

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181 GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238

RESULT 5 US-10-384-933-54 sequence 54, Application US/10384933 publication No. US20030170817A1 GENERAL INFORMATION:

APPLICANT:
APPLICANT:
APPLICANT:

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61 QOKDGOPPKILIYAASNIESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120

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181

ORGANISM: Artificial Sequence

Query Match Best Local Similarity Matches 234; Conserv 98.98; 0; Gaps

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δ 181 181

APPLICANT: Tamaki, Ikuko APPLICANT: Takahashi, Tohru APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG

OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-54 APPLICANT: Serizawa, No. US20030170817Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tkuko
APPLICANT: Takahashi, Tobiru
APPLICANT: Takahashi, Tobiru
APPLICANT: Takahashi, Tobiru
APPLICANTON: Anti-Pas Antibodies
TIILE OPI INTENTION: Anti-Pas Antibodies
TILE REFERENCE: 980126CIP/HG
TILE REFERENCE: 980126CIP/HG
TILE CONTROL NOWER: US/03/499,662
CURRENT FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/03/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: 2000-02-09
PRIOR PILING DATE: ARLIER PILING DATE: 1998-04-01
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01 RESULT 6
US-10-216-484-54
US-10-216-484-54
Sequence 54, Application US/10216484
Sequence 54, Application US/0030103976Al
Publication No. US20030103976Alufusa
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
HOPPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamakki, Ikuko 120 TFGQGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNEYPREAKVQMKVDNALQS 180 121 Haruyama, Hideyuki Haruyama, Hideyuki Nakahara, Kaori Nakahara, Kaori Tamaki, Ikuko 60 HETDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDGYVNY 60 QKPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120 GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSDVTKSFNRGEC 238 recogirmieikarvaaesveireesobeolksgrasvvchlaneverekakvomkvonalos 180 Haruyama, Hideyuki Nakahara, Kaori Tamaki, Ikuko Score 1231; DB 12; Length 238; Pred. No. 9.7e-86; Pred. No. 9.7e-86; Indels 0;

> CURRENT APPLICATION NUMBER: US/10/216,484
> CURRENT FILING DATE: 2002-08-09
> PRIOR APPLICATION NUMBER: US/09/499,662
> PRIOR APPLICATION NUMBER: US 09/053,583
> PRIOR PILING DATE: 2000-02-09
> PRIOR PILING DATE: 1998-04-01
> PRIOR FILING DATE: 1998-04-01
> PRIOR FILING DATE: 1968-04-01
OTHER INFORMATION:
> OTHER INFORMATION:
> US-10-216-484-54 Query Match ORGANISM: Artificial Sequence FEATURE: Local Similarity 234; 1 METDTILLWVLLLWVPGSTGBIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60 QQXPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120 QQXPGQAPRLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120 98.9%; Score 1231; DB 15; pred. No. 9.7e-86; pred. Mismatches 1;

밁 RESULT 7
US-10-384-933-107
RESULT 7
Sequence 107, Application US/10384933
Sequence 107, Application US/10384933
Sequence 107, Application US/10384933
Sequence 107, Application US/10384933
Sequence 107, Application US/10384933 GNSQESVTEQDSKOSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANTION NUMBER: US/10/384,933
FILE REFERENCE: 980126CIP/HG
FILE OP INCHATION NUMBER: US/09/499,662
CURRENT PILING DATE: 2003-02-05
FURNERIT FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
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PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01

OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-107 Query Match Best Local S: TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
PEATURE:

Local Similarity METDTILLMYLLLMYDGSTGEIYLTQSDGTL6LSDGERATLSCKASQSVDYDGDSYMNWY 60 96.9%; 97.5%; Score 1207; DB 12; Length 238; pred. No. 6.4e-84; Indels 0; Mismatches 5; Indels 0; 0;

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0

Length Indels

0

Gaps

0

Description of Artificial Sequence: Designed light chain of humanized anti-Fas antibody

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PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                               RESULT 9
US-10-384-933-50
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                                                                                                                  Sequence 50, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                   APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                      APPLICANT:
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CE INVENTION: Anti-Fas Antibodies
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                      Takahashi, Tohru
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5. US20030103976A1
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97.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1; Mismatches
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RESULT 10
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
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Best Local Similarity
                                                                                Matches
                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                                                                             LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                              FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                  Local Similarity
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METDTILLWVLLLWVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
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Pred. No. 5.2e-83;
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Pred. No. 5.2e-83;
                                                                                Mismatches
                                                                                                                     DB 15;
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RESULT 12
US-10-216-484-129
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
CURRENT FILING DATE: 2003-02-05
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US-10-384-933-129
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GENÈRAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
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PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID 00 129
                                                                                                                                      Sequence 129, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 219; Conserv
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                                                                                                                                      Application US/10216484 o. US20030103976A1
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o. US20030170817A1
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Pred. No. 3.3e-80;
LO; Mismatches 9;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
UMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-131
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CURRENT EDLINGATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NOS: 165
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  Matches
                     Query Match
Best Local Similarity
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Matches 219; Conserv
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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TYPE: PRT
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ORGANISM: Artificial Sequence
FEATURE:
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  Conservative
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                 Score 1155; DB 12
Pred. No. 5.6e-80;
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Pred. No. 3.3e-80;
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1 METDTILLMVLLLMVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY 60

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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
TYPE: PRI
                                                                                                                                             RESULT 15
US-10-384-933-127
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US-10-216-484-131
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; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-131
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                                                                                                 Sequence 127, Application US/10384933
Publication No. US20030170817A1
                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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US-10-384-933-127
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TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIG/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 127

LENGTH: 238

TYPE: DET
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Best Local Similarity
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                                                                                                            TFGQGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
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Pred. No. 6.6e-80;
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US-09-485-737B-67
US-09-485-7352B-18
US-08-887-352B-14
US-08-887-352B-14
US-09-109-207C-14
US-09-109-207C-14
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CURRENT FILING DATE: 1999-04-29
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER FILING DATE: 1998-04-30
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
EARLIER FILING DATE: 1998-05-18
ENUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
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Patent No. 6455677
GENERAL INFORMATION:
APPLICANT: Park, John E.
APPLICANT: Barberger, Uwe
APPLICANT: Barberger, Uwe
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
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                                                           VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK 297
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US-09-282-505-2
US-09-284-255-2
US-09-284-005-18
US-09-288-846-2
US-09-680-145-2
US-08-466-151-8
US-08-466-151-8
US-08-466-163B-8
US-08-466-163B-8
US-09-680-148-2
US-09-680-148-2
US-09-680-148-2
US-09-304-465A-2
PCT-US3-07-317-32-3
US-08-437-642B-23
US-08-437-642B-23
US-08-437-642B-23
US-08-437-642B-23
US-08-437-642B-23
US-08-437-642B-23
US-08-437-642B-23
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US-08-458-516-13
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Best Local Similarity
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                                                                                                                                                                                                                                   Matches
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/059
PILING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REPERENCE/DOCKET NUMBER: 1182
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Humanized Antibodies Reactive with
TITLE OF INVENTION: GPIIB/IIIA
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0.
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CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                      LENGTH: 449 amino acid
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                NEKFKGRVTLTVDESTNTAYMELSSLRSEDTAVYFCAR-RDGNYGW-FAYWGQGTLVTVS 118
                                                                                                        NOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGEGTLVTVS 139
                                                                                                                                                 QVQLVQSGAEVKKPGSSVKVSCKASGYAFTNYLIEWVRQAPGQGLEWIGVIYPGSGGTNY
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                                                                                                                                                                                                                                                                                                                                                                                                                  449 amino acids
                                                                                                                                                                                                                              88.6%; Score 2229; DB 1; 92.9%; Pred. No. 1.2e-159; tive 15; Mismatches 15;
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Patent No. 5876961
                                                                       Matches
                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952640
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-118
                                                                                                                                                                                                                                                            TELEFAX: (202) 783-60 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 783-6040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: CROWE, JAMES SCOTT APPLICANT: LEWIS, ALAN PETER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                         Local Similarity
                                                                                                                                                                                    TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: WASHINGTON
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                                                                                                                                                                                                                       LENGTH: 476 amino acids
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                 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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MDWTWRFLFVVAAATGVQSQMQVVQSGAEVKKPGSSVTVSCKASGGTFSNYAISWVRQAP 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: ROTHWELL, FIGG, ERNST & KURZ
555 THIRTEENTH ST. N.W.
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                                                                       Conservative
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                                                                                       88.5%;
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                                                                       22;
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                                                                      Score 2227; DB 2;
Pred. No. 1.8e-159;
22; Mismatches 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #1.25
                                                                                                         Length 476;
                                                                       Indels
                                                                       9
                                                                       Gaps
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                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASLSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,672A
FILING DATE: HEREWITH
CLASSIFICATION 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
TITLESTEE TO DATA:
APPLICATION NUMBER:
                                                      PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 55-055-
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Incyte Pharmaceuticals, STREET: 3174 Porter Drive CITY: Palo Alto STATE: CA
                                           TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: US
ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 421
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDP 294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RQANFDRARVGWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GCGLEWMGGIIPLFGTPTYSQNFQGRYTITADKSTSTAHWELTSLRSEDTAVYYCATDRY 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tang, Y. Tom
Yue, Henry
Au-Young, Janice
Corley, Neil C.
Guegler, Karl J.
Baughn, Mariah R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                             650-845-4166
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                                                                                                             PF-0497 US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 413; Conserv
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LENCTH: 467 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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LIBRARY: LUNGTO
CLONE: 2747531
                                                            364
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                            427
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                                                                                                                                                                                                HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 306
                                                                                                                                                                                                                                                                                                                                                                                 MGEIDPSDSYTNYNOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWY 126
                                                                                                                                                                                                                                                                                                                                                                                                                            REPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGS
                                                                              REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS
                                                                                                                      VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP
                                                                                                                                                                                  HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
                                                                                                                                                                                                                                                            TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTY1CNVNHKPSNTKVDKRVEPKSCDKT 246
                                                                                                                                                                                                                                                                                                       FDFWGQGTMVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGAL
                                                                                                                                                                                                                                                                                                                                                                   MGGLAPENGEAVYAQKFLGRLTLSEDTSADTAYMFLNNLGSEDSAIYYCARQH---YDFF 123
FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                  FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                    VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP 366
                                                                                                                                                                                                                                            TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKT
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89.0%;
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Pred. No. 2.1e-157;
20; Mismatches 28;
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                                                             423
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COUNTRY: USA
ZIP: 94080
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flor
MEDIUM TYPE: 15.5 inch, 1.64 Mb flor
MEDIUM TYPE: 15.5 inch, 1.64 Mb flor
MEDIUM TYPE: 15.5 inch, 1.64 Mb flor
MEDIUM TYPE: 0.5 compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION NUMBER: US/09/027,449
TITING DATE: 20-Feb-1998 US-09-027-449-71 Sequence Patent No. GENERAL INFORMATION:
APPLICANT: Gonzal STREET: 1 L....
STREET: 1 L....
CITY: South San Fra
CTATE: California APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS: RRESPONDED TO THE RESPONDENCE OF THE REPORT 71, Application US/09027449 Gonzalez, Tania R. floppy disk Antibodies

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                                                                                                                                                                                          Sequence 71, Application Patent No. 6133426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                 GENERAL INFORMATION:

APPLICANT: Gonzalez, Tania R.

APPLICANT: Gonzy, Steven R.

APPLICANT: Presta, Leonard G.

TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/074,330

FILING DATE: 22-Jan-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/038,664

APPLICATION NUMBER: 60/038,664

PILING DATE: 21-Feb-1997

ATTORNEY/AGENT INFORMATION:

NAME: LOVE, Richard B.

REGISTRATION NUMBER: 91.659

REFERENCE/DOCKET NUMBER: P1085R3

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 650/225-5530
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
TYPE: Amino Acid
                  STREET:
                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                       439
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South San
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGEGTLVTV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELL
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                  B: Genentech, Inc
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   Francisco
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89.8%; Pred. No. 2.8e-157;
tive 28; Mismatches 17;
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US-09-121-952A-71

Sequence 71, Application Patent No. 6458355 GENERAL INFORMATION:

US/09121952A

APPLICANT: APPLICANT:

Genentech, Inc., Hse Koumenis, Iphigenia Leong, Steven R. Presta, Leonard G.

Нвеі,

APPLICANT:

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; SEQUENCE CHARACTERISTICS:

; LENCTH: 452 amino acids

; TYPE: Amino Acid

; TOPOLOGY: Linear

US-09-026-985-71
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Best Local Similarity
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COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb fle

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinFatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/026,985

PILING DATE: 20-Peb-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Love, Richard B.

REGISTRATION NUMBER: 34,659

REFERENCE/DOCKET NUMBER: P1085R3-I

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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                   RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                 EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
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                                                                                                                                   YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
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89.8%;
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Pred. No. 2.8e-157;
Pred. Mismatches 17;
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US-09-121-952A-71
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/121,952A
FILING DATE: 24-UL1-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
APPLICATION NUMBER: 60/075467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 20-PEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P108
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 87.3%;
Local Similarity 89.8%;
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Amino Acid
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RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                               EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS 438
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                                       EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
                                                                                                                         YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
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                                                                                                                                                                                                                                                                                            SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                METHODS OF TREATING INFLAMMATORY DISEASES WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    $; Score 2197.5; DB 4;$; Pred. No. 2.8e-157;28; Mismatches 17;
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TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/121
FILING DATE: 24-Jul-1998
APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/075467
FILING DATE: 20-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1081
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Shahrokh, Zahra
APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
NUMBER OF SEQUENCES: 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                           Match 87.3%; Score 2197.5; DB 4; Local Similarity 89.8%; Pred. No. 2.8e-157; Les 406; Conservative 28; Mismatches 17; 1
199 SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                                                                                                                        80 NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGEGTLVTV 138
                                                                                                                                              61 NOKFKGRFTLSRDNSKNTAYLOMNSLKAEDTAVYYCARGDYRYNGDWFFDVWGQGTLVTV 120
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                                                                                                                                                                                                                                                1 EVQLVQSGGGLVQPGGSLRLSCAASGYSFSSHYMHWVRQAPGKGLEWVGYIDPSNGETTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Amino Acid
                                                                           SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
                                            SSASTKGPSVFPLAPSSKSTSGGTÄÄLGCLVKDYFPEPVTVSWNSGÄLTSGVHTFPÄVLQ 180
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Koumenis, Iphigenia
Leong, Steven R.
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APPLICANT: Bark, John E.
APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettly, Wolfgang J.
ITILE OF INVENTION: PAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT PILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER FILING DATE: 1998-04-30
EARLIER FILING DATE: 1998-04-30
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 470
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US-09-301-593-30
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Best Local Similarity
Matches 415; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 472
TYPE: PRT
ORGANISM: Homo sapiens
-09-301-593-30
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                                                                                                        VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
                                                                                                                                                             TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR
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              PWYYDGYEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK
                                                                     VBPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
                                                                                                                                           TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
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CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: POT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR PELICATION NUMBER: EPO 98870139.7
PRIOR PILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR PILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOPTWARE: PACENTIN VETBION 3.0
SEQ ID NO 67
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US-09-485-737B-67
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TYPE: PRT
GRGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: SYNTHETIC
US-09-485-737B-67
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Patent No. 6350860
GENERRAL INFORMATION:
APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS.015
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Best Local
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                                                                                                                                           EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 365
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                SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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                                                                         PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG
                                                                                                 PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     86.4%; Score 2174; DB 4; ilarity 88.0%; Pred. No. 1.7e-155; Conservative 21; Mismatches 31;
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RESULT 12
US-07-934-373C-22
; Sequence 22, Application US/07934373C
; Patent No. 5821337
; GENERAL INFORMATION:
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APPLICANT: Sablon, Erwin
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERTERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
TITLE OF INVENTION: CACHEXIA, INMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-06-18
PRIOR PRIOR PILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PATERING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PATERING DATE: 1997-08-18
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TYPE: PRT
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                                                                                                                                            SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                                                           PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG
                                                                                                                                                                                                                                                                 PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG 425
                                                                                                                                                                                                                                                                                                       EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQ
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thes 31; Indels
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Best Local Similarity 89.4%;
Matches 406; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/934,37
FILING DATE: 21-Aug-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Immunoglobulin Variants NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: PO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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  437 KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW---YFDVWGEGTLV 136
                                                                 SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436
                                                                                                                         EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
                                                                                                                                                                                                     LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
                                                                                                                                                                                                                               LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDFEVKFNWYVDGVEVHNAKTKPRE 316
                                                                                                                                                                                                                                                                                      LOSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPE
                                                                                                                                                                                                                                                                                                                          LOSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE 256
                                                                                                                                                                                                                                                                                                                                                                     TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV
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                                                                                                                                              EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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Pred. No. 1.4e-154;
Pred. No. 1.4e-254;
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US-08-437-642B-22
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GENERAL INFORMATION:
APPLICANT: Paul J. Carter
APPLICANT: Leonard G. Presta
APPLICANT: Immunoglobulin Variants
APPLICANT: APPLICANT: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 650/225-1994
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 07/934373
PILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146206
PILING DATE: 17-NOV-1993
PRIOR APPLICATION DATA: PCT/US92/05126
APPLICATION NUMBER: 07/715272
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
PRIOR APPLICATION NUMBER: 07/715272
PRIOR APPLICATION NUMBER: 07/715272
PRIOR APPLICATION NUMBER: 07/715272
PRIOR APPLICATION NUMBER: 07/715272
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
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REFERENCE/DOCKET NUMBER: PO
TELECOMMUNICATION INFORMATION:
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CITY: South San Francisco
STATE: California
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                                                                   121
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                                                                                                                                                                           NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGEGTLV 136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lee, Wendy M.
                      LOSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE 256
                                                                   TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV 180
                                                                                                                                                       NQREMDKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV 120
USA
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89.4%; Pred. No. 1.4e-154;
tive 17; Mismatches 28;
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CLASSIFICATION: 530

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272

FILING DATE: 14-JUN-1991

ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378

REGISTRATION NUMBER: 40,378

REFERENCE/DOCKET NUMBER: P0709

TELECOMMUNICATION INFORMATION:
"TELECOMMUNICATION: 650/225-1994
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US-08-146-206C-22
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                                                                                                                                              Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flopp:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flopp:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/146,206C
APPLICATION NUMBER: US/08/146,206C
APPLICATION TO 6407213-1993
                                                                                                                                                                                                                                                                                        TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Carter, Paul J. APPLICANT: Presta, Leonard TITLE OF INVENTION: Method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                    TYPE: Amino Acid
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 61
                      80 NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGEGTLV 136
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: California
                                                                                         QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAPGQGLEWMGBIDPSDSYTNY
NORFMDKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV
                                                                        QVQLQQSGPELVKPGASVKISCKTSGYTFTEYTMHWMKQSHGKSLEWIGGFNPKNGGSSH
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                                                                                                                                                               85.9%;
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                                                                                                                                          ; Score 2161.5; DB 4;
; Pred. No. 1.4e-154;
17; Mismatches 28;
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for Making Humanized Antibodies
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RESULT 15
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                                   PCT-US93-07832-22
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GENERAL INFORMATION:
Query Match
                                                                 TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
TYPE: maino acid
                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/715272

FILING DATE: 14-UUN-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/05126

FILING DATE: 15-UUN-1992

PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION UMBER: 07/934373

FILING DATE: 21-AUG-1992

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                          REGISTRATION NUMBER: 70
REFERENCE/DOCKET NUMBER: 70
TELECOMMUNICATION INFORMATION:
TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Genentech, TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: POFILING DATE: 19930820 CLASSIFICATION:
                                                                                                                                                         TELEFAX:
                                                      TOPOLOGY:
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Length 454;
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421
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                                                                                   SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD
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KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 454
                     KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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Search completed: February 20, 2004, 13:35:06
Job time: 16.5872 secs

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Perfect score:
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            2498
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Copyright (c) 1993 - 2004 Compugen
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Match
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/ Cgm2 6/ptodata/1/pubpaa/US09B PUBCOMB.pep: *
/ Cgm2 6/ptodata/1/pubpaa/US09B PUBCOMB.pep: *
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/ Cgm2 6/ptodata/1/pubpaa/US10A PUBCOMB.pep: *
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/ Cgm2 6/ptodata/1/pubpaa/US10B PUBCOMB.pep: *
/ Cgm2 6/ptodata/1/pubpaa/US10 NEW_PUB.pep: *
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US-10-3184-933-143
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US-10-384-933-147
US-10-384-933-147
US-10-384-933-187
US-10-384-933-157
US-10-216-484-157
US-10-216-484-157
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US-09-825-012-45
US-09-825-012-52
US-09-825-012-52
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                                    Sequence 147,
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Sequence 89, Al
Sequence 89, Al
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Sequence
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              117, App
143, App
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147, App
147, App
189, Appl
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157, App
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157, App
                                                                                                                                                                                                                                                       APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
ITILE OF INVENTION: ANTI-FAB ANTIDODIES
FILE REFERENCE: 980126CIP/HG
FILIRE DATE: 2003-02-05
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2000-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
LENGTH: 470
TYPE: DATE: 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-384-933-117
Sequence 117, Applicat
Publication No. US2000
GENERAL INFORMATION:
                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed heavy
OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-384-933-117
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Matches 470; Conservat
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o. US20030170817A1
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US-09-825-012-49
US-09-825-012-8
US-09-825-012-8
US-10-377-121-18
US-10-377-121-2
US-10-353-708-41
US-10-353-708-47
US-10-353-708-49
US-10-171-452A-41
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60, Appl 48, Appl 60, Appl 60, Appl 329, Ap 42, Appl 54, Appl 642, Appl 644, Appl 644, Appl 644, Appl

Sequence

Sequence Sequence

Sequence

0

Gaps

0

60

360

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GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
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US-10-216-484-117
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
181 WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTY1CNVNHKPSNTKVDKRVEP
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                                                                       YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
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Publication No. US20030170817A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Harvyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILS REFERENCE: 980136CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/10/384,933
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: Designed ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-143
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PRIOR FILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 143

LENGTH: 470
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Best Local Similarity
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ORGANISM: Artificial Sequence
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                                                                                                         KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
                                                                                                                                                                              WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP 240
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                                  YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                                                                                                                            WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
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             Conservative
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Pred. No. 1.3e-165;
1; Mismatches 0;
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RESULT 4 US-10-216-484-143

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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ituko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: 17akahashi, Tohru
APPLICANT: 17akahashi, Tohru
APPLICANT: 2002-08-09
CURENT APPLICATION NUMBER: US/10/216,484
CURENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR APPLICATION NUMBER: US/09/053,583
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PRIOR APPLICATION NUMBER: US/09/053,583
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PRIOR APPLICATION NUMBER: US/09/053,583
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 143, Application US/10216484 Publication No. US20030103976A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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                                                            KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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pred. No. 1.3e-165;
1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 15;
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FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 145
LENGTH: 470
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Publication No. US20330170817A1
GENERAL INFORMATION:
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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                                                                                              RESULT 6
US-10-216-484-145
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                                        Sequence 145, Application US/10216484 Publication No. US20030103976A1 GENERAL INFORMATION:
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al Similarity 99.6%;
468; Conservative
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Pred. No. 1.8e
2; Mismatches
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1.8e-165;
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Query Match Best Local S Matches 469

Similarity

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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kuko
APPLICANT: Tamaki, Tkuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US/99/99,662
                                                                                                                                                                                                                  RESULT 7
US-10-384-933-147
; Sequence 147, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                              APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OP INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
     CURRENT APPLICATION NUMBER: US/10/384,933
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TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 1.8e-165;
2; Mismatches 0;
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ituko
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 8
US-10-216-484-147
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Best Local :
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-147
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 468;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 470
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                                                                                                               KAKGOPREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV
                                                                                                                                                                                                                                                                                                                                                                       KSCDKTHTCPPCPAPELLGGPSVFLFPPKFKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
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                                   LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV 420
                                                                                                                                                                                                                            YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS 360
                                                                                                                                                                                                                                                                YVDGVEVHNAKTKPRBEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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Pred. No. 2.1e-165;
2; Mismatches 0;
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1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAP

60

Matches

468;

Conservative

0

Pred. No. 6.2e-165;
0; Mismatches 2;

Indels

0;

Gaps

99.6%;

Best Local Similarity

```
APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/10/9499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
US-10-384-933-89
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                                                                                                                                                              PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Best Local Similarity
                                                      OTHER INFORMATION: OTHER INFORMATION:
                                                                                        ORGANISM: Artificial Sequence PEATURE:
                                                                                                                               LENGTH: 470
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                    Description of Artificial Sequence: Designed heavy chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Description of Artificial Sequence: Designed heavy chain of humanized anti-Fas antibody
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 99.5%;
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Pred. No. 2.1e-165;
2; Mismatches 0;
 Score
2504;
 B
12;
Length 470;
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Sequence 89, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ituko
APPLICANT: Tamaki, Ituko
APPLICANT: Tamaki, Tohru
ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT APPLICATION DATE: 2002-08-09
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US-10-216-484-89
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                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-022-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
                                                                                                                   Matches
                                                                                                                                 Query Match
Best Local
                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                           LENGTH: 470
                                                                                                                                   ocal Similarity
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                                                           MGWSCIILFLVATATGVHSQVQLVQSGAEVKKSGASVKVSCKASGYTFTSYWMQWVKQAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
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 GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                     MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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                                                                                                                   Conservative
                                                                                                                                 99.5%;
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                                                                                                               Score 2504; DB 15;
Pred. No. 6.2e-165;
0; Mismatches 2;
                                                                                                                   Indels
                                                                                                                                                     Length
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Makahara, Kaori
APPLICANT: Tamaki, Ikuko
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/499,662
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PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/9/499,662
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US-10-384-933-157
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Matches
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                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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  181 WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                               121 YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEFVTVS 180
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                                                                                                                                                 GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                                                                                                                                                                                                                        MGWSCIILFLVATATGVHSQVQLVQSGABVKXPGASVKVSCKASGYTFTSYMMQWVKQAP 60
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                                                                                                                                                                                                              MGWSCIILFLVATATGVHSQVQLVQSGABVKKPGASVKVSCKASGYTFTSYWMQWVRQAP
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o. US20030170817A1
                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                               99.2%;
98.9%;
                                                                                                                                                                                                                                                                                             Score 2498; DB 12;
Pred. No. 1.6e-164;
3; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                     Length
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APPLICANT: Tamaki, Tohru
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
IPRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: 1998-04-01
INUMBER OF SEQ ID NOS: 165
SEQ ID NO 157
LENGTH: 470
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US-10-216-484-157
; Sequence 157, Ap
; Publication No.
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: heavy chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
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                                                                                                                                                     WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP 240
                                                                                                                                                                                                                                      YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEFVTVS
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                                                                 KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
                                                                                                                             WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                                                                                                                                                                                YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
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                                           KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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o. US20030103976A1
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Pred. No. 1.6e-164;
3; Mismatches 2;
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GENERAL INFORMATION:

APPLICANT: Young, Robert
APPLICANT: Young, Robert
APPLICANT: Young, Robert
FILE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
FILE REFERENCE: 43191-256808
CURRENT FILING DATE: 2001-04-03
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 6008049.9
PRIOR APPLICATION NUMBER: 0B 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.1
SEQ ID NO 46
SEQ ID NO 46
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US-09-825-012-46
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Best Local S
Matches 436
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                                                                                                                                    KSCDKTHTCEPCPAPELLGGPSVFLEPPKPKDTLMISRTPEVTCVVVDVSHEDEEVKFNW 300
                                                                                        ĸAKGOPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDLAVEWESNGQPENNYKTTPPV
LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
             LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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92.8%; Pred. No. 1.3e-153;
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GENERAL INFORMATION:

APPLICANT: Young, Robert

APPLICANT: Young, Robert

ITITLE OF INVENTION: Compounds for Targeting

FILE REFERENCE: 43191-256808

FILE REFERENCE: 43191-256808

FILE REFERENCE: 43191-256808

FILERENT APPLICATION NUMBER: US/09/825,012

CURRENT FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: US 60/237,159

PRIOR FILING DATE: 2000-10-02

PRIOR FILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 102

SOFTWARE: Patentin version 3.1

SEQ ID NO 55

LENGTH: 741
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US-09-825-012-55
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OTHER INFORMATION: Humanised HMFG1 heavy chain -
US-09-825-012-55
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Best Local Similarity 92.8
Matches 436; Conservative
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Similarity 92.8%;
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                                                                   ĸĠĊŊĸŦĦŦĊ₽ŶĊŶŔŶĔĹĹĠĠŶĠŶŶĹŶŶŶĸĸŶŶĹſĸĬĠĸŦŶĔŶŦĊŶŶŶŊŶĠĦĠŊŶĸŶĸĸĸ
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                                                                                                           yvogvevhnaktkerebovnstykývsvítyvíhodwingkbykckvsnkaléhétektis
21; Mismatches
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Pred. No. 1.3e-153;
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Sequence 52, Application US/09825012
Sequence 52, Application US/09825012
Patent No. US/0020122798A1
Patent No. US/0020122798A1
PERENTAL INFORMATION:
GENERAL INFORMATION:
COMPOUNTS OF INVESTIGATION COMPOUNDES OF TATGETING
FILE REFERENCE: 43191-256808
FILE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02

RESULT 15 US-09-825-012-52

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; PRIOR APPLICATION NUMBER: GB 0008049.9

PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: Patentin version 3.1
SEQ ID NO 52
; LENGTH: 729
; TYPE: PRT
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Humanised HMPG1 heavy chain - DNase I fusion
US-09-825-012-52
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              421 LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 469
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                                                                                                 181 WNSGALTSGVHTFPAVLQSSGLYSLSSVYTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP 240
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1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFSAYWIEWVRQAP 60
                                               LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 466
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Search completed: February 20, 2004, 14:25:35 Job time: 37.6422 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/FCTUS_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

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Query Match Best Local Similarity 98.2%; Score 1112; DB 5; Best Local Similarity 98.2%; Pred. No. 6.5e-87; Matches 214; Conservative 2; Mismatches 2	RESULT 1 PCT-US96-13152-2 Sequence 2, Application PC/TUS9613152 Sequence 2, Application PC/TUS9613152 GENERAL INFORMATION: APPLICANT: Martin, Ulrich, et al. TITLE OF INVENTION: Anti-selectin antibodies for NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS: ADDRESSEE: Attn: Norman D. Hanson STREET: 805 Third Avenue CITY: New York COUNTRY: U.S.A. ZIP: 10022 COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Computer Disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US96/13152 FILING DATE: 72-Dec-95 APPLICATION NUMBER: B95 112 895.8 FILING DATE: 17-Aug-95 APPLICATION NUMBER: EP 95 114 969.9 FILING DATE: 19-Sep-95 ATTONNEY/AGENT INFORMATION: TELEPHONE: (212) 688-9200 TELEPHONE: (212) 688-9200 TELEPHONE: (212) 888-3884 INFORMATION FOR SEQ ID NO. 2: SEQUENCE CHARACTERISTICS: LENGTH: 218 TYPE: amino acid STRANDENNESS: single PCT-US96-13152-2	ALIGNMENTS	28 1022.5 82.7 233 5 PCT-US93-07832-25 29 1019 82.4 214 2 US-07-934-373C-39 30 1019 82.4 214 3 US-08-437-642B-39 31 1019 82.4 214 5 PCT-US93-07832-39 32 1014 82.0 214 2 US-08-788-800-11 33 1014 82.0 214 2 US-08-788-800-11 34 1014 82.0 214 3 US-09-097-309-2 36 1014 82.0 214 3 US-09-097-171A-2 37 1014 82.0 214 3 US-09-097-309-2 38 1014 82.0 214 3 US-09-097-309-2 39 1014 82.0 214 4 US-09-460-587-2 39 1014 82.0 214 5 PCT-US93-07832-40 39 1014 82.0 237 3 US-09-097-371A-10 41 1014 82.0 237 3 US-09-097-171A-10 42 1014 82.0 237 3 US-09-097-1756-2 43 1014 82.0 237 3 US-09-097-1756-2 44 1010.5 81.7 242 3 US-09-027-449-62 45 1010.5 81.7 242 3 US-09-026-985-62
Length 218; ; Indels 0; Gaps 0;	for prevention of multiple organ		Sequence 25, Appl Sequence 39, Appl Sequence 39, Appl Sequence 40, Appl Sequence 40, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 6, Appli Sequence 6, Appli Sequence 7, Appli Sequence 7, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 62, Appli Sequence 62, Appli

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Best Local Similarity
Matches 213; Conserv
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                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 218 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INFORMATION:

NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb |
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of TITLE OF INVENTION: Improving Polypeptides
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1 DNA "52 CITY: South San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                     LENGTH: 218 amino acids
TYPE: Amino Acid
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                                        | IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
                                                                                          GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDFYTFGQGTKVEIKRTVAAPSVF
                                                                                                                 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPRTFGQGTKVEIKRTVAAPSVF 140
                                                                                                                                                                   DIQLTQSPSSLSASVGDRVTITCRASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASYLES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STLTLSKADYEKHKVYACEVTHOGLSSPVTKSFNRGEC 218
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                   I PPPSDEQLKSGTAS VVCLLNNFY PREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                                                                                                                                                                                                                                                            88.9%;
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                                                                                                                                                                                                                                           Score 1100; DB 2; Length 218; Pred. No. 6.7e-86; 2; Mismatches 3; Indels
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RESULT 3
US-08-466-151-9
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APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G
TITLE OF INVENTION: Immunogl
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9, Application US/08466151 Patent No. 6037453
                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: 08/466163
APPLICATION UNUMBER: 08/405617
APPLICATION UNMBER: 08/405617
FILING DATE: 15-MAR-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 99,044
REFERENCE/DOCKET NUMBER: PO:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/74
FILING DATE: 14-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/185899
FILING DATE: 26-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/879495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb :
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                LENGTH: 218 amino acids
TYPE: Amino Acid
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les 213; Conserv
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I PPPSDEQLKSGTASVVCLLNNFY PREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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Pred. No. 6.7e-86;
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RESULT 5
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; FEATURE:
; NAME/KEY: Artificial
; LOCATION: 1-218
; OTHER INFORMATION: Light chain sequence derived from MAE11
US-09-109-207C-13
US-09-296-005-13
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APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides
FILE REFERENCE: P1123CIr
CURRENT APPLICATION NUMBER: US/09/296,005
CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER TILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 13
                                                                                                                                                                                                                                                                       Sequence 13, Application US/09296005
Patent No. 6290957
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Best Local Similarity
       LENGTH: 218
TYPE: PRT
ORGANISM: Artificial
PEATURE:
NAME/KEY: Artificial
LOCATION: 1-218
COTHER INFORMATION: Light chain sequence derived from MAELL
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TYPE: PRT
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97.7%;
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Pred. No. 6.7e-86;
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GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
ITITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: PO718P2C1D1
CURRENT APPLICATION NUMBER: US/08/466,163B
CURRENT APPLICATION NUMBER: US 08/405,617
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR FILING DATE: 1994-01-26
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
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US-08-466-163B-9
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SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Applic Patent No. 6329509
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STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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Pred. No. 6.7e-86;
2; Mismatches 3
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2; Mismatches 3
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RESULT 7 US-09-282-505-1 ; Sequence 1, Ap

Application US/09282505A

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US-09-054-255-1
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                                                                                                                                                                                                                                                                                                                   ; SEQ ID NO 1
; LENGTH: 218
; TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: Artificial Sequence
LOCATION: 1-218
OTHER INFORMATION: Sequence is completely synthesized
Patent No. 6194551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/09054255 Patent No. 6242195
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GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Esohe Ekinaduese Idusogie et al. TITLE OF INVENTION: Polypeptide Variants FILE REFERENCE: P126 CURRENT APPLICATION NUMBER: US/09/054,255 CURRENT FILING DATE: 1998-04-02 NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Esohe Ekinaduese Idusogie et al
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/282,505A
CURRENT FILING DATE: 1999-03-31
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                       OTHER INFORMATION:
                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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95.9%;
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95.9%;
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Pred. No. 6e
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Sequence 1, Application US/09680145
Patent No. 6538124
GENERAL INFORMATION:
APPLICANT: Esche Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/680,145
CURRENT FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR OF FILING DATE: 1999-03-13
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
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; Patent No. 6538124
US-09-680-145-1
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US-09-680-145-1
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LENGTH: 218
TYPE: PRT
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NAME/KEY: Artificial Sequence

LOCATION: 1-218

OTHER INFORMATION: Sequence is completely

Patent No. 6528624
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APPLICANT: Esohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
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Patent No. 6528624
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CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
                                             FEATURE:
NAME/KEY: Artificial Sequence
LOCATION: 1-218
                                                                                                     TYPE: PRT ORGANISM: Artificial Sequence
                                 OTHER INFORMATION: Sequence is completely synthesized
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GENERAL INFORMATION:
                                                                                                                                            Matches
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Best Local Similarity
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Best Local Similarity 95.9
Matches 209; Conservative
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TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 15:
                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
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CITY: South San Francisco
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                 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPRTFGQGTKVEIKRTVAAPSVF 140
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95.9%;
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Pred. No. 6e-84;
                                                                                                                                                             Score 1074; DB 2;
Pred. No. 1.1e-83;
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
CLASSIFICATION: 530
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LENGTH: 218 amino acids
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,
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ADDRESSEE: GG...
THERET: 1 DNA Way
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TYPE: Amino Acid
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Local Similarity 95.4%;
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                                                                                           IFPPSDEQLKSGTASVVCLLANFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                    I FPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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STLTLSKADYEKHKVYACEVTHOGLSSPVTKSFNRGEC 218
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Improved Anti-IgE Antibodies and Method of
Improving Polypeptides
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RESULT 13
US-08-887-352B-19
; Sequence 19, Application US/08887352B
; Patent No. 5994511

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RESULT 14
US-08-887-352B-24
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                                                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Pres
TITLE OF INVENTION: Improved Anti-IgE Antil
TITLE OF INVENTION: Improving Polypeptides
TITLE OF INVENTION: 26
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INFORMATION FOR SEQ ID NO: 19:
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APPLICANT: Henry
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APPLICATION MATA:
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REGISTRATION NUMBER: 39,044
REGISTRATION NUMBER: P1:
TELECOMMUNICATION INFORMATION:
650/275-1489
                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech
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TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
COMPUTER READAȘLE FORM:
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CORRESPONDENCE ADDRESS
                                                                           CITY: South San Francisco
                                                                                               STREET:
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                                  COUNTRY:
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STATE: California
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95.4%; Pred. No. 1.1e-83;
tive 5; Mismatches 5;
                                                                                                                                                                                             Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe Improved Anti-IgE Antibodies and Method of
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APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe; TILE OF INVENTION: Improved Anti-1gE Antibodies and Method of Improving Polypeptide; CURRENT APPLICATION NUMBER: US/09/109,207C; CURRENT FILING DATE: 1998-06-30; PRIOR APPLICATION NUMBER: US 60/051,554; PRIOR FILING DATE: 1997-07-03; NUMBER OF SEQ ID NOS: 44
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Best Local Similarity
Matches 208; Conserv
                                                                 Matches
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial
FEATURE:
                                                                                                                                                               NAME/KEY: Artificial LOCATION: 1-218
                                                                                                                                              OTHER INFORMATION: Light chain sequence derived from MAE11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P11
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-4U1-1997
CLASSIFICATION: 530
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                                                                                Local Similarity
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                  DIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASNLES
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95.4%;
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Pred. No. 1.1e-83;
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                                                                                               Length 218;
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Search completed: February 20, 2004, 13:35:07 Job time : 8.89311 secs	181 STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 218	·	121 IFPPSDEQLKSGTASVYCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 180	141 IFPPSDE(61 GVPSRFSGSGGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF 120	

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 127, App
Sequence 127, App
Sequence 131, App
Sequence 131, App
Sequence 129, App
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Sequence 50, Appl
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Sequence 52, Appl
Sequence 52, Appl
Sequence 52, Appl
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Sequence 54, Appl
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                                                                                                                                                                                                                                                                                                APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Harayama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
APPLICANTON NUMBER: US/09/499,662
FILE REFERENCE: 980126CIP/HG
FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: APRLIER FILING DATE: 1998-04-01
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Sequence 127, Application US/10384933
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Publication No. US20030170817A1
Publication No. US20030170817A1
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                               Conservative
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US-09-920-171-13
US-09-920-171-9-9
US-10-113-996-13
US-10-12-29-69-13
US-10-292-69-171-15
US-09-920-171-15
US-09-920-171-19
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US-10-264-049-2296
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US-10-221-945-1
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Post-processing: Minimum Match 0%

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100. Match

1168 1168 1155 1155 1154 1154

Total number of hits satisfying chosen parameters:

Title: Perfect score:

US-09-499-662-127 1237

1 METDTILLMVLLLMVPGSTG......EVTHQGLSSPVTKSFNRGEC 238

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

801455 seqs, 209382283 residues

801455

Run on: OM protein -

protein search, using

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GenCore version Copyright (c) 1993 - 2004

5.1.6 Compugen Ltd.

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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
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TYPE: PRT
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                                APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody -10-216-484-127
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APPLICANT: Takahashi, Tohru
TITLE OP INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
CURRENT APPLICATION NUMBER: US/10/384,933
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Local Similarity 100.0%; Pred. No. 5.3e-85;
1es 238; Conservative 0; Mismatches 0;
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o. US20030103976A1
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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
TYPE: PRT
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US-10-216-484-131
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
LENGTH: 238
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                                                                                                                               Matches
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Best Local Similarity
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Best Local Similarity
Matches 237; Conserv
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                 METDTILLWVLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
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QQKPGKAPKLLIYAASNLESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
                                            METDTILLWYLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
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                                                                                                                               Conservative
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                                                                                                                                                 99.98;
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                                                                                                                             1; Mismatches
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Pred. No. 6.3e-85;
                                                                                                                                                 Score 1236; DB 15
Pred. No. 6.3e-85;
                                                                                                                                                                        DB 15;
                                                                                                                                                                        Length
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RESULT 6
US-10-216-484-129
US-10-216-484-129
; Sequence 129, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
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OTHER INFORMATION: Description of Artificial Sequence: Designed
; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-384-933-129
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US-10-384-933-129
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APPLICATE: TAKABASHI, TOHTU

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR PILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 129

LENGTH: 238

TYPE: PRT
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Best Local :
                                  APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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Pred. No. 1.1e-84;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
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US-10-384-933-107
; Sequence 107, Application US/10384933; Publication No. US20030170817A1; GENERAL INFORMATION:
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LENGTH: 238
TYPE: PRT
                                                                                                     Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EAKLIER APPLICATION NUMBER: US/09/53,583
PRIOR FILING DATE: EAKLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                    FEATURE:
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237; Conser
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Similarity
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                                                                                                        94.8%;
                                                                                    Score 1173; DB 12;
Pred. No. 3.2e-80;
0; Mismatches 7;
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Pred. No. 1.1e-84;
1; Mismatches 0;
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Iruko
APPLICANT: Tamaki, Iruko
APPLICANT: Tamaki, Iruko
ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/99,562
PRIOR APPLICATION NUMBER: US/09/93,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
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US-10-384-933-50
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US-10-216-484-107
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                                                                                                                                        Sequence 50, Application No. US20 GENERAL INFORMATION:
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Best Local :
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                           APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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OF INVENTION: Anti-Fas Antibodies
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                                                                                                                                                              Application US/10384933 No. US20030170817A1
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o. US20030103976A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10; Mismatches
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/09/499,562
PRIOR FILING DATE: 1908-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
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US-10-216-484-50
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CURRENT PILLING DATE: US/10/384,933
CURRENT FILLING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILLING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
TYPE: PRT
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OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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                                                                                                    Local Similarity
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milarity 92.4%;
Conservative 10
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Pred. No. 7.
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Pred. No. 7.6e-80;
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APPLICANT: Serizawa, No. US20030170817Alufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Nakahara, Kaori

APPLICANT: Nakahara, Kaori

APPLICANT: Tamaki, Ikuko

ITILE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: BARLIER APPLICATION NUMBER: US/09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

LENGTH: 238
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US-10-216-484-52
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Sequence 52, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Makahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
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Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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ilarity 91.6%;
Conservative 1
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18; Pred. No. 7.2e-79;
11; Mismatches 9;
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METDTILLWVLLLMVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSSYMNWY 60

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                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-109
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                                                                                                                                                                                                                         TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/Hg
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR RILING DATE: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
LENGTH: 238
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Best Local Similarity 91.6%;
Matches 218; Conservation
    Matches
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LENGTH: 238
                       Query Match
Best Local
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CURRENT FILLING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Takahashi, Tohru
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                                                                                                                                                             TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
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    Local Similarity
les 218; Conserv
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    Conservative
                       93.3%;
    11;
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Score 1154; DB 12;
Pred. No. 8.5e-79;
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Admaki, Ikuko

ITITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/216,484

CURRENT APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: US 09/053,583

PRIOR PILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 109

LENGTH: 238

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ORGANIE"
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US-10-216-484-109
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Best Local S
Matches 218
                                                                                      Sequence 54, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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5. US20030103976A1
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CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR PRILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 54

LENGTH: 238

TYPE: PRT
                                                                                                                                                                                                                                                                                               Matches
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Best Local
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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                          GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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                                                                                                      TFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
TFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS
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ilarity 91.6%;
Conservative 1
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Pred. No. 1e-78;
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Search completed: February 20, 2004, 14:25:35 Job time: 18.0486 secs

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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-887-352B-13
US-08-466-151-9
US-09-109-207C-13
US-09-109-207C-13
US-09-296-005-13
US-08-466-163B-9
 US-09-282-505-1
US-09-282-846-1
US-09-282-846-1
US-09-288-3528-15
US-08-887-3528-17
US-08-887-3528-19
US-08-887-3528-19
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US-09-109-207C-17
US-09-109-207C-24
US-09-109-207C-24
US-09-296-005-15
US-09-296-005-17
US-09-296-005-19
US-09-296-005-19
US-09-296-005-19
US-09-296-005-24
US-09-296-005-24
US-09-301-593-36
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US-08-146-206C-25
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PCT-US96-13152-2
                                                                      PCT-US96-13152-2
                 Query Match 89.6%;
Best Local Similarity 97.7%;
Matches 213; Conservative
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Sequence 25, Appl Sequence 39, Appl Sequence 39, Appl Sequence 40, Appl Sequence 11, Appl Sequence 40, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 40, Appl Sequence 2, Appli Sequence 2, Appli Sequence 40, Appl Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli

ALIGNMENTS

Sequence 2, Application PC/TUS9613152
GENERAL INFORMATION:
APPLICANT: Martin, Ulrich, et al.
TITLE OF INVENTION: Anti-selectin CLASSIFICATION DATA:
CLASSIFICATION:
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 08/578,953
APPLICATION NUMBER: EP 95.112 895.8
FILING DATE: 27-Dec-95
FILING DATE: 17-Aug-95
APPLICATION NUMBER: EP 95.114 969.9
APPLICATION NUMBER: BP 95.114 969.9
APPLICATION NUMBER: 30,946
REGISTRATION HALBON
NAME: NOTHAN D. HALBON
REGISTRATION NUMBER: 30,946
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REGISTRATION NUMBER: 30,946
REGISTRATION NUMBER: 30, TELEPHONE: (212) 688-9200
TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS: COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Computer Disk
COMPUTER: IIM Compatible
COMPUTER: IIM Compatible CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/U896/13152
FILING DATE: COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII ADDRESSEE: Felfe & Lynch ADDRESSEE: Attn: Norman D. TYPE: amino acid STRANDEDNESS: sir TOPOLOGY: linear 805 Third Avenue protein single Anti-selectin antibodies for prevention Score 1108; DB 5; Pred. No. 5.9e-87; 3; Mismatches 2; Length 218; Indels of multiple organ 0 0 faı

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RESULT 2
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Matches
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SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acid
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/887,352B
FILING DATE: 03-U1-1997
CLASSIFICATION: 530
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STREET: 1 L...
CITY: South San Fra
CTATE: California
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Garage)
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nes 212; Conserv
                                                                                                                                                                                                                                                                                                                                           LENGTH: 218 amino acids
TYPE: Amino Acid
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TELEFAX: 650/952-9881
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                     | IFPPSDEQLKSGTASVVCLLANIFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                                                 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPRTFGQGTKVEIKRTVAAPSVF 140
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                                                                         GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
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                                                                                                                                                                                                                                                                                                                             Linear
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Pred. No. 6.2e-86;
3; Mismatches 3;
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Patent No. 6037453
                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                            Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/466163
FILING DATE: 06-Jun-1995
APPLICATION NUMBER: 08/405617
FILING DATE: 15-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/185899
FILING DATE: 26-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/879495
FILING DATE: 07-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb fl.

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Jardieu, Paula M.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: PO
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/744768
FILING DATE: 14-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                  LENGTH: 218 amino acids TYPE: Amino Acid
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                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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                                  IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                                                                                              DIQLTQSPSSLSASVGDRVTITCRASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASYLES
                                                                       GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
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97.2%;
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Pred. No. 6.2e-86;
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Best Local Sim
Matches 212;
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LENGTH: 218
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                                                                                                            Sequence 13, Application US/09296005
Sequence 13, Application US/09296005
Sequence 13, Application US/09296005
Sequence 13, Application US/09296005
SEQUENCE INFORMATION: Lowman, Leonard G. Presta, Paula M. Jardieu, John Low Applicant: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Low Applicant: Henry B. Lowman, Leonard G. Presta, Paula M. Method of Improving TITLE REFERENCE: P1123C1r
FILE REFERENCE: P1123C1r
CURRENT APPLICATION NUMBER: US/09/296,005
CURRENT APPLICATION NUMBER: US 08/887,352
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER FILING DATE: 1997-07-02
SEQ ID NO 13
SEQ ID NO 13
LENGTH: 218
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LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from
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FEATURE:
NAME/KEY: Artificial
LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from
-09-296-005-13
                                                                                 TYPE: PRT
ORGANISM: Artificial
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97.2%;
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pred. No. 6.2e-86;
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CURRENT FILING DATE: 1995-06-06
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILING DATE: 1995-03-15
PRIOR APPLICATION NUMBER: US 08/185,899
PRIOR FILING DATE: 1994-01-26
PRIOR FILING DATE: 1994-01-26
PRIOR PILING DATE: 1992-05-07
PRIOR PILING DATE: 1992-05-07
PRIOR PRIOR DATE: 1992-05-07
PRIOR PILING DATE: 1992-05-07
PRIOR PILING DATE: 1991-08-14
PRIOR PILING DATE: 1991-08-14
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US-08-466-163B-9
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Best Local Similarity
Matches 212; Conserv
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Patent No. 6329509
GENERAL INFORMATION:
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                RESULT 7
US-09-282-505-1
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APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Immunoglobulin Variants
FILE REFERENCE: P0718P2C15.
FILE REFERENCE: P0718P2C15.
FILE REFERENCE: P0718P2C15.
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Best Local Similarity
Matches 212; Conserv
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milarity 97.2%;
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                     Application US/09282505A
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milarity 97.2%;
Conservative 3
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Pred. No. 6.2e-86;
3; Mismatches 3
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Pred. No. 6.2e-86;
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; LENGTH: 218
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Artificial Sequence
; LOCATION: 1-218
; OTHER INFORMATION: Sequence is co
; Patent No. 6194551
US-09-282-505-1
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GENERAL INFORMATION:
APPLICANT: Esohe Ekinaduese Idusogie et al.
FIITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266
CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
ENGTH: 218
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US-09-054-255-1
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Patent No. 6242195
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Best Local Similarity
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CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
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TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
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                                                                                                                                                                                                                                                                                        OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                          FEATURE:
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141 IFPPSDEQLKSGTASVVCLLNNFYFREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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95.4%;
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Pred. No. 5.6e
5; Mismatches
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GENERAL INFORMATION:
APPLICANT: Esche Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P126GR1
CURRENT APPLICATION NUMBER: US/09/680,145
CURRENT FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR PILING DATE: 1999-03-13
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
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US-09-680-145-1
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US-09-680-145-1
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GENERAL INFORMATION:
             OTHER INFORMATION: Sequence is completely synthesized Patent No. 6538124
                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/09680145 Patent No. 6538124
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Best Local Similarity
Matches 208; Conserv
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TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R2
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CURRENT FILING DATE: 1999-03-31
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                      NAME/KEY: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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NAME/KEY: Artificial Sequence
                                                      LOCATION: 1-218
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Pred. No. 5.6e-84;
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FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: SVOBODA, Craig G.
REGISTRATION NUMBER: 91.04
REFERENCE/DOCKET NUMBER: P112:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
TELEPAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 15:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genencech)
CURRENT APPLICATION DATA;
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95.4%;
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                                                                                                                                       Score 1070; DB 2;
pred. No. 1e-83;
6; Mismatches 5;
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US-08-887-352B-17
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APPLICANT: Henry
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INFORMATION FOR SEQ ID NO: 17:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
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SOFTWARE: WinPatin (Ge
CURRENT APPLICATION DATA:
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LENGTH: 218 amino acids
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NAME: SVODOda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1:
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TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of
TITLE OF INVENTION: Improving Polypeptides
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                     Local Similarity
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                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
                                                                                         IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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n (Genentech)
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US-08-887-352B-19 ; Sequence 19, Application US/08887352B ; Patent No. 5994511

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RESULT 14
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                                                                                                                                       Patent NO. 32777710N:
GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard G. Pres
APPLICANT: INFORMATION: Improved Anti-IgE Antil
TITLE OF INVENTION: Improving Polypeptides
TITLE OF INVENTION: 26
                                                                                                                                                                                                                                                    Sequence 24, Application US/08887352B Patent No. 5994511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Henry B. Lowman, Leonard G. Presta, PaTITLE OF INVENTION: Improved Anti-IgE Antibodies TITLE OF INVENTION: Improving Polypeptides
COMPUTER READABLE FORM
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CITY: South San Francisco
STATE: California
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                                             COUNTRY:
                                                                                                      STREET:
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                             94080
                                                                South San Francisco California
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650/952-9881
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95.0%;
                                                                                                                                                                                                  Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe Improved Anti-IgE Antibodies and Method of
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Method of
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US-09-109-207C-15
                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/109,207C CURRENT FILING DATE: 1998-06-30 PRIOR APPLICATION NUMBER: US 60/051,554 PRIOR FILING DATE: 1997-07-03 NUMBER OF SEQ ID NOS: 44
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Best Local Similarity
Matches 207; Conserv
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                                                                      Matches
                                                                                        Best Local Similarity
                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 617221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 15, Application US/09109207C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: 3.5 inch, 1.44 MD ILODBY
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 650/225-1489
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides
FILE REFERENCE: P1123R1
                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                NAME/KEY: Artificial LOCATION: 1-218
                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                               OTHER INFORMATION: Light chain sequence derived from MAE11
                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: PITELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Amino Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181
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                                  21 DIVLTOSPSSISASVGDRVTITCKASOSVDVDGDSYMMYQQKPGQAPKLLIYAASNLES 80
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DIQLTQSPSSLSASVGDRVTITCRASKPVDGEGDSYLNWYQQKPGKAPKLLIYAASYLES
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                                                                      Conservative
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                                                                      Score 1070; DB
Pred. No. 1e-83;
6; Mismatches
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Search completed: February 20, 2004, 13:35:07 Job time : 7.89311 secs	181 STLTLSKADYEKHKVYACEVIEWSHOP:	201 STLTLSKADYEKHKVYACEVIH CHARACTI	121 IPPESDEQLKSGTAS VVCLICATION SCOVIKSENRGEC 238	141 IPPPSDEQLKSGTASVV-LHING	61 GVPSRFSGSGSGLE: TRIVEY PREAKVOWKVDNALOSGNSGESVTEODSKDSTYSLS 200	81 GVPSRFSGSGSGTDFTLTISSLOPEDFATYYCQOSNEDPRTFGQGTKVEIKRTVAAPSVF 140	

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Result
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Listing first 45 summaries
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DB seq length: 2000000000
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1233
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1: /cgn2_6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

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5: /cgn2_6/ptodata/1/pubpaa/US07 NEW PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08 NEW PUB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US08 PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US09 PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US10B.PUBCOMB.pep:*

16: /cgn2_6/ptodata/1/pubpaa/US10B.PUBCOMB.pep:*

17: /cgn2_6/ptodata/1/pubpaa/US10 NEW PUB.pep:*

18: /cgn2_6/ptodata/1/pubpaa/US10 NEW PUB.pep:*

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1237
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US-10-216-484-129

US-10-384-933-127

US-10-216-484-127

US-10-216-484-131

US-10-216-484-131

US-10-384-933-107

US-10-216-484-107

US-10-216-484-50

US-10-216-484-50

US-10-384-933-52

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US-10-384-933-109

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Sequence 129, App
Sequence 127, App
Sequence 127, App
Sequence 131, App
Sequence 131, App
Sequence 131, App
Sequence 107, App
Sequence 107, App
Sequence 50, App1
Sequence 50, App1
Sequence 52, App1
Sequence 52, App1
Sequence 52, App1
Sequence 109, App
Sequence 109, App
Sequence 109, App
Sequence 54, App1
Sequence 54, App1
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ALIGNMENTS

RESULT 1 US-10-384-933-129

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                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-129
                                                                                      Query Match
Best Local Similarity
Matches 238; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 129, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
61 QQKPGQAPKLLIYAASNLESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
                                           1 METDTÍLLWVLLLWVÞGSTGDÍVLTÓSÞSSLSÁSVGDRVTITCKÁSQSVDYDGDSYMNWY 60
                                                                    μ
                                                          METDTILLMVLLLMVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY 60
                                                                                            100.0%; Score 1237; DB 12; ilarity 100.0%; Pred. No. 1.3e-85; Conservative 0; Mismatches 0;
                                                                                              Indels
                                                                                                                         Length 238;
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                                                                                              Gaps
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION UMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
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US-10-216-484-129
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                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                        Sequence 127, Application US/10384933 Publication No. US20030170817A1
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                 APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
CURRENT APPLICATION NUMBER: US/10/384,933
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                                                                                                                                                                                                                                                                                                                                             GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
LENGTH: 238
TYPE: PRI
ORGANISM: Artificial Sequence
FEATURE:
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; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-127
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US-10-216-484-127
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PRILING DATE: 2000-02-09
PRIOR PRILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
LENGTH: 238
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                                                                                                                             Matches
                                                                                                                                             Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIF/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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QQKPGQAPKLLIYAASNLESGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPR 120
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                                                                       WETDTILLMVLLLMVDGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
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o. US20030103976A1
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    Mismatches

                                                                                                                                             Score 1233; DB 15
Pred. No. 2.7e-85;
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Pred. No. 2.7e-85;
                                                                                                                             Mismatches
                                                                                                                                                                  DB 15;
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                                                                                                                                                                                                                                 RESULT 6
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Matches
                 GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
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                                                                                                                                                                   Sequence 131, A Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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LENGTH: 238
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/384,933
FILE REFERENCE: 980126CIP/HG
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                                                                                                                                                                   Application US/10216484 o. US20030103976A1
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o. US20030170817A1
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Pred. No. 3.2e-85;
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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
LENGTH: 238
TYPE: PRT
                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-107
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CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PELICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
TYPE: PRT
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Best Local
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APPLICANT: Takahashi, Tohru
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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                                                                                                            Similarity
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Pred. No. 3.2e-85;
2; Mismatches 0
                                                                                                        Score 1177; DB 12; Pred. No. 4.4e-81;
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US-10-216-484-107
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US-10-216-484-107
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ITILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1900-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                      GENERAL INFORMATION:
                                                                                                                                       Sequence 50, Application US/10384933 Publication No. US20030170817A1
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LENGTH: 238
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Best Local Similarity
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              APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
  TITLE
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ORGANISM: Artificial Sequence
PEATURE:
OF INVENTION: Anti-Fas Antibodies
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93.3%;
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Pred. No. 4.4e-81;
9; Mismatches 7;
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 50, Application US/10216484 Publication No. US20030103976A1 GENERAL INFORMATION:
                                                           Matches
                                                                             Query Match
Best Local Similarity
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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TYPE: PRT
                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
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METDTILLWVLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
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Pred. No. 1e-80;
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METDTILLMVLLLMVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY

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RESULT 12
US-10-216-484-52
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US-10-384-933-52
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GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
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LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                         Sequence 52, Application US/10216484 Publication No. US20030103976A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 52, Applica Publication No. US20 GENERAL INFORMATION:
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/384,9:CURRENT FILING DATE: 2003-02-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 2000-02-09
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10. US20030170817A1
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Pred. No. 9.9e-80;
0; Mismatches 9;
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; OTHER INFORMATION: Description of Artificial Sequence: Designed light; OTHER INFORMATION: Chain of humanized anti-Fas antibody US-10-384-933-109
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US-10-384-933-109
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Query Match
Best Local Similarity
Matches 219; Conserv
                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01 NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 109, Applic Publication No. US20 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
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TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                            TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                        LENGTH:
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o. US20030170817A1
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                        93.6%;
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92.0%;
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Pred. No. 9.9e-80;
      Score 1158; DB 12;
Pred. No. 1.2e-79;
0; Mismatches 9;
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METDTILLWVLLLMVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY 60

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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/49,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 109
LENGTH: 238
TYPE: PRT
                                                                                                                                             RESULT 15
US-10-384-933-54
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                                                                               Sequence 54, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Matches
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              y Match 93.6%; Score 1158; DB 15; Local Similarity 92.0%; Pred. No. 1.2e-79; hes 219; Conservative 10; Mismatches 9;
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o. US20030103976A1
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APPLICANT: Takahashi, Tontu
FITILE OF INVENTION: Anti-Fas Anti-bodies
FILE REPERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 54
LENGTH: 238
TYPE: PRT
TYPE: PRT
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TFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQMKVDNALQS
                                                                                                                                                                                                                                                                                                                       93.5%;
ilarity 92.0%;
Conservative
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Pred. No. 1.4e-79
9; Mismatches 10
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Search completed: February 20, 2004, 14:25:36 Job time : 19.0486 secs .

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Result
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Maximum DB seq length: 2000000000
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/FCTUS_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

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1 METDTILLWVLLLWVPGSTG......EVTHQGLSSPVTKSFNRGEC
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PCT-US96-13152-2
US-08-486-1519
US-08-466-1519
US-09-109-207C-13
US-09-296-005-13
US-09-282-846-1
US-09-282-846-1
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US-09-887-3528-15
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US-09-109-207C-19
US-09-109-207C-19
US-09-109-207C-19
US-09-109-207C-24
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US-09-296-005-15
US-09-296-005-17
US-09-296-005-19
US-09-301-593-36
US-09-740-002-24
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3 US-08-437-6428-40 3 US-08-437-6428-40 3 US-08-438-40 5 PCT-US93-07832-39 5 PCT-US93-07832-39 5 US-07-934-373C-40 6 US-08-788-800-11 6 US-08-788-800-11 7 US-08-788-800-11 7 US-09-097-309-2 7 PCT-US93-07832-40 7 US-09-097-3198-6 7 US-09-097-3198-6 7 US-09-607-756-2 7 US-09-460-587-6 7 US-09-427-7128-2 7 US-09-460-587-6 7 US-09-428-7128-2 7 US-09-460-587-6 7 US-09-027-449-62	242	242	237	237	237	237	237	214	214	214	214	214	214	214	214	214	214
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39, Appl 39, Appl 39, Appl 40, Appl 41, Appl 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 2, Appli 6, Appli 6, Appli 6, Appli 6, Appli 6, Appli	App	Appl	ppli	Appli	Appli	, Appl	ppli	Appl	ppli	ppli	ppli	Appl	Appl	Appl	Appl	Appl	Appl

ALIGNMENTS

PCT-US96-13152-2

Sequence 2, Application:

Application PC/TUS9613152

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LENGTH: 218
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US96-13152-2
Query Match
Best Local Similarity
Matches 215; Conserv
                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/578,953

FILING DATE: 27-Dec-95

APPLICATION UNMBER: EP 95 112 895.8

FILING DATE: 17-Aug-95

APPLICATION NUMBER: EP 95 114 969.9

FILING DATE: 19-Sep-95

AFTORNEY/AGENT INFORMATION:

NAME: NOTMAN D. Hanson

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: BOER 1059-PC7

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                      TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/13152
FILING DATE:
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TITLE OF INVENTION: Anti-selectin antibodies for prevention of multiple organ
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Computer Disk
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OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Attn: Norman D. Hanson
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milarity 98.6%;
Conservative
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  Score 1113; DB
Pred. No. 2e-87;
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US-08-887-352B-13
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                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-0ul-1997
CLASSIFICATION: 530
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CORRESPONDENCE ADDRESS:
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NAME: Syoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1123
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STATE:
                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                     TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech)
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                      141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                                                                     GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
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US-08-466-151-9
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Best Local
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INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/466
FILING DATE: 06-Jun-1995
APPLICATION NUMBER: 08/405
FILING DATE: 15-WAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/185
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/879
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/879
PRIOR APPLICATION NUMBER: 07/879
PRIOR APPLICATION NUMBER: 07/879
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REFERENCE/DOCKET NUMBER: PO-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 07/79
APPLICATION NUMBER: 07/79
FILING DATE: 14-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,151
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                 LENGTH: 218 amino acids
TYPE: Amino Acid
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les 212; Conserv
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                 141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
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                                                                                         GIPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPRTFGQGTKVEIKRTVAAPSVF 140
                                                                    GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
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US-09-296-005-13
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SEQ ID NO 13
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GENERAL INFORMATION:
APPLICANT: Henry B. Lowman, Leonard
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Best Local Similarity
Matches 212; Conserv
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Patent No. 6290957
                                                                                                                                                           NUMBER OF SEQ ID NOS:
SEQ ID NO 13
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                                                                                                                                                                                             APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving Polypeptides FILE REFERENCE: P1123C1r
CURRENT APPLICATION NUMBER: US/09/296,005
CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 08/887,352
EARLIER FILING DATE: 1997-07-02
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LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from MAE11
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TYPE: PRT
        NAME/KEY: Artificial
LOCATION: 1-218
COTHER INFORMATION: Light chain sequence derived from MAE11
                                                                           TYPE: PRT ORGANISM: Artificial FEATURE:
                                                                                                                                     ENGTH: 218
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Pred. No. 3.1e-86;
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es and Method of Improving Polypeptide
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APPLICANT: Presta, Leonard G.
FILE REFERENCE: PO718P2C1D1
FULRENT APPLICATION NUMBER: US/08/466,1638
CURRENT FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: US 08/405,617
PRIOR FILING DATE: 1995-03-15
PRIOR PPLICATION NUMBER: US 08/185,899
PRIOR PILING DATE: 1995-03-15
PRIOR PPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/879,495
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR APPLICATION NUMBER: US 07/744,768
PRIOR FILING DATE: 1991-08-14
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Best Local S
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Matches
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SEQ ID NO 9
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ORGANISM: Artificial sequence
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Pred. No. 3.1e-86;
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Pred. No. 3.1e-86;
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RESULT 7 US-09-282-505-1

Sequence 1,

Application US/09282505A

Patent No. 6194551

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US-09-054-255-1
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SEQ ID NO 1
PMCTH: 218
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OTHER INFORMATION: Sequence is completely synthesized
Patent No. 6194551
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SEQ ID NO 1
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/054,255
CURRENT FILING DATE: 1998-04-02
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CURRENT FILING DATE: 1999-03-31
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TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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                      141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS
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                                                         GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
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Conservative
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Pred. No. 2.8e-84;
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Pred. No. 2.8e-84;
5; Mismatches 5;
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GENERAL INFORMATION:
APPLICANT: Bsohe Ekinaduese Idusogie et al.
TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R1
CURRENT APPLICATION NUMBER: US/09/680,145
CURRENT FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR APPLICATION NUMBER: 09/282,505
PRIOR FILING DATE: 1999-03-13
NUMBER OF SEQ ID NOS: 2
SEQ ID NO 1
LENGTH: 218
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US-09-680-145-1
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US-09-680-145-1
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LENGTH: 218
TYPE: PRT
                     Patent No. 6538124
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OTHER INFORMATION: Sequence is completely synthesized
Patent No. 6528624
                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09680145 Patent No. 6538124
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Best Local Similarity
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TITLE OF INVENTION: Polypeptide Variants
FILE REFERENCE: P1266R2
CURRENT APPLICATION NUMBER: US/09/282,846
CURRENT FILING DATE: 1999-03-31
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                                                         FEATURE:
NAME/KEY: Artificial Sequence
LOCATION: 1-218
                                                                                                                 TYPE: PRT ORGANISM: Artificial Sequence
                                      OTHER INFORMATION: Sequence is completely synthesized
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Pred. No. 2.8e-84;
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RESULT 11
US-08-887-352B-15
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GENERAL INFORMATION:
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Best Local
                                                                                                                                                                                                                                                                                                   TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 218 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: SVOBODA, CRAIG G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/887,352B
FILING DATE: 03-011-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of TITLE OF INVENTION: Improving Polypeptides
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
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                                                                                                                                                           Local Similarity
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                           81 GIPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSNEDPRTFGQGTKVEIKRTVAAPSVF 140
                                                                                         21 DIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMMWYQQKPGKAPKLLIYAASNLES 80
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                                                                  DIQLTQSPSSLSASVGDRVTITCRASKPVDGEGDSYLNWYQQKPGKAPKLLIYAASYLES
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SYSTEM: PC-DOS/MS-DOS
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95.0%;
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Pred. No. 2.8e-84;
5; Mismatches 5;
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Pred. No. 5.1e-84;
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Best Local Similarity
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NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
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APPLICATION NUMBER: US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Winpatin (Genentech)
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LENGTH: 218 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Amino Acid
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                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 218
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95.0%;
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Pred. No. 5.1e-84;
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US-08-887-352B-19 ; Sequence 19, Application US/08887352B ; Patent No. 5994511

RESULT 13

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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION MATA:
US/08/887,352B
FILING DATE: 03-Jul-1997
CLASSIFICATION: 530
                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Henry
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 218 amino acids
TYPE: Amino Acid
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ZIP: 94080
COMPUTER READABLE FORM:
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REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1489
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TITLE OF INVENTION: Improved Anti-IgE Antibodies
TITLE OF INVENTION: Improving Polypeptides
                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                        TITLE OF INVENTION: Improved Anti-IGE Anti-TITLE OF INVENTION: Improving Polypeptides
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                                                                                                 STREET: 1 DNA Way
CITY: South San Francisco
                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                          181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  207;
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                                                                                                                                                                                                                                                                                                                                                                                                                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GVPSRPSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GIPSRFSGSGSGTDFTLTISSLQFEDFATYYCQQSNEDFRTFGQGTKVEIKRTVAAPSVF 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
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                                                                               California
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1 DNA Way
                                                             USA
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650/952-9881
                                                                                                                                                                                                                                  Henry B. Lowman,
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                                                                                                                                    Genentech, Inc.
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95.0%;
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Improved Anti-IgE Antibodies
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es and Method of
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US-09-109-207C-15
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                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/051,554
PRIOR FILING DATE: 1997-07-03
NUMBER OF SEQ ID NOS: 44
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6172213
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity Matches 207; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/09109207C
                                                                Matches
                                                                                 Best Local Similarity
                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PILING DATE: 03-01-1997
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Svoboda, Craig G.
REGISTRATION NUMBER: 39,044
REFERENCE/DOCKET NUMBER: P112
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: P1123R1
CURRENT APPLICATION NUMBER: US/09/109,207C
                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                        NAME/KEY: Artificial
LOCATION: 1-218
OTHER INFORMATION: Light chain sequence derived from
                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: 3.5 inch, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DO
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   81 GIPSRFSGSGSGTDFTLTISSLQPEDFATTYCQQSNBDPRTFGQGTKVEIKRTVAAPSVF 140
                            21 DIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASNLES 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21 DIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWYQQKPGKAPKLLIYAASNLES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF 120
                                                                                                                                                                                                                                                                                                                                                                                                                Henry B. Lowman, Leonard G. Presta, Paula VENTION: Improved Anti-IgE Antibodies and
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                                                                Score 1073; DB 3;
Pred. No. 5.1e-84;
6; Mismatches 5
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Pred. No. 5.1e-84;
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                                                                                                      DB 3;
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                                                                                                 Length 218;
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60
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Search Job tin	Db	8 8	. 5	ઠ	Ş
Search completed: February 20, 2004, 13:35:08 Job time : 8.89311 secs		121 IFFESDEGLIKSGTASVVCILINNFIFKEAKVQMKVINALQSGNSGESVTEGIDSKUSTYSLS 180 201 STLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238	141 IFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLS 200	61 GVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQSHEDPYTFGQGTKVEIKRTVAAPSVF 120	81 GIPSRESGSGSTDFTLTISSLØPEDFATYYCQQSNEDDRTFGQGTKVEIKRTVAAPSVF 140

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                          Published Applications AA:*

1: /cgn2_6/ptcdata/1/pubpaa/USO7_PUBCOMB.pep:*

2: /cgn2_6/ptcdata/1/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/ptcdata/1/pubpaa/USO6_NEW_PUB.pep:*

4: /cgn2_6/ptcdata/1/pubpaa/USO6_PUBCOMB.pep:*

5: /cgn2_6/ptcdata/1/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptcdata/1/pubpaa/USO8_NEW_PUB.pep:*

7: /cgn2_6/ptcdata/1/pubpaa/USO8_PUBCOMB.pep:*

8: /cgn2_6/ptcdata/1/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptcdata/1/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptcdata/1/pubpaa/USO9B_PUBCOMB.pep:*

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13: /cgn2_6/ptcdata/1/pubpaa/USO9B_PUBCOMB.pep:*

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16: /cgn2_6/ptcdata/1/pubpaa/USO9B_PUBCOMB.pep:*

17: /cgn2_6/ptcdata/1/pubpaa/USO9B_PUBCOMB.pep:*

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19: /cgn2_6/ptcdata/1/pubpaa/USO9B_PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 METDTILLWVLLLWVPGSTG......EVTHQGLSSPVTKSFNRGEC 238
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1237
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Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           801455
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SUMMARIES

Result No.	Score		Length DB	DB.	ID	Description
1	1237	100.0	238	12	US-10-384-933-131	131
ν	1237	100.0	238	15	US-10-216-484-131	Sequence 131, App
ω	1236	99.9	238	12	US-10-384-933-127	Sequence 127, App
4.	1236	99.9	238	15	US-10-216-484-127	Sequence 127, App
ຫ	1232	99.6	238	12	US-10-384-933-129	129
6	1232	99.6	238	15	US-10-216-484-129	129
7	1174	94.9	238	12	US-10-384-933-107	107
8	1174	94.9	238	15	US-10-216-484-107	Sequence 107, App
9	1169	94.5	238	12	US-10-384-933-50	Sequence 50, Appl
10	1169	94.5	238	15	US-10-216-484-50	Sequence 50, Appl
11	1156	93.5	238	12	US-10-384-933-52	Sequence 52, Appl
12	1156	93.5	238	15	US-10-216-484-52	Sequence 52, Appl
13	1155	93.4	238	12	US-10-384-933-109	Sequence 109, App
14	1155	93.4	238	15	US-10-216-484-109	Sequence 109, App
15	1154	93.3	238	12	US-10-384-933-54	Sequence 54, Appl

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	5
1043	1046.5	1048	1049	1073	1073	1073	1073	1073	1073	1073	1073	1076	1076	1086	1099	1099	1099	1099	1099	1113	1134	1134	1134	1134	1144	1144	1144	1144	
84.3	84.6	84.7	84.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.8	88.8	88.8	88.8	88.8	88.8	90.0	91.7	91.7	91.7		92.5	92.5	92.5	92.5	
240	241	236	260	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	238	238	238	238	238	238	238	238	
12	15	10	12	12	12	12	12	9	9	9	9	12	12	11	12	11	9	9			15	15	12	12	15	15	12	12	
US-10-159-006-36	US-10-221-945-1	US-09-859-053-30	US-10-264-049-2296	-10-113	US-10-113-996-19	US-10-113-996-17	US-10-113-996-15	US-09-920-171-24	US-09-920-171-19	US-09-920-171-17	US-09-920-171-15	US-09-792-938-1	US-10-292-869-1	US-09-925-179-67	US-10-113-996-13	US-09-925-179-9	US-09-920-171-13	US-09-802-096-9	US-09-802-077-9	US-09-917-410-2	US-10-171-452A-50	US-10-171-452A-44	US-10-353-708-50	US-10-353-708-44	US-10-171-452A-56	US-10-171-452A-38	US-10-353-708-56	US-10-353-708-38	
		Sequence 30, Appl	229		19,	17,		24,	19,		Sequence 15, Appl	٢	Sequence 1, Appli	67,	13	e 9,	13	9	9	'n	տ	4.	ហ	4	G		v	Sequence 38, Appl	

ALIGNMENTS

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Q	B 8	Query Match Best Local Matches 23	OTHER INFORMA OTHER INFORMA OTHER 10-384-933-131	; LENGTH: Z ; TYPE: PRT ; ORGANISM:	; NUMBER OF SE ; SEQ ID NO 131	PRIOR P	; PRIOR A	; CURRENT	; TITLE O	; APPLICANT:	, APPLICANT	; APPLICANT:	<pre>; Publicat ; GENERAL</pre>	US-10-384-933-131 ; Sequence 131, A	RESULT 1
61 QQKPGKAPKLLIYAASNLESGIPSRFSGSGSGTDFTLTISSLOPEDFATYYCQQSNEDPR 120	1 METDTILLWVLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY 	Query Match 100.0%; Score 1237; DB 12; Length 238; Best Local Similarity 100.0%; Pred. No. 2.7e-85; Matches 238; Conservative 0; Mismatches 0; Indels 0; Gaps	TION: Description TION: chain of hu	TENGTH: 238 TYPE: PRT ORGANISM: Artificial Sequence	NUMBER OF SEQ ID NOS: 165		PRIOR APPLICATION NUMBER: US/09/499,662	CURRENT APPLICATION NUMBER: US/10/384,933 CURRENT FILING DATE: 2003-02-05	TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG			CANT: Serizawa, No. US20030170817Alufusa CANT: Haruyama, Hideyuki	Publication No. US20030170817A1 GENERAL INFORMATION:	-10-384-933-131 Sequence 131, Application US/10384933	
120	60	0;													

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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980.26CIP/HG
CURRENT APPLICATION UNMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 131
TENGTH: 238
                                                                                                                                                                                                                                                            RESULT 3
US-10-384-933-127
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US-10-216-484-131
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                                                                                                                                                                                                               Sequence 127, Application US/10384933 Publication No. US20030170817A1
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Best Local S
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                    APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
CURRENT APPLICATION NUMBER: US/10/384,933
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o. US20030103976A1
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APPLICANT: Tamaki, İkuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/49,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
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; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-127
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Best Local Similarity
Matches 237; Conserv
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PRILING DATE: 2000-02-09
PRIOR PRILING DATE: DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 127
LENGTH: 238
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                 Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                        TYPE: PRT
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ORGANISM: Artificial Sequence
FEATURE:
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                                              METDTILLWVLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY 60
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ilarity 99.6%;
Conservative
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Pred. No. 3.2e-85;
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Pred. No. 3.2e-85;
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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OP INVENTION: Anti-Fas Antibodies
PILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,062
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 129
LENGTH: 238
TYPE: PRT
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US-10-216-484-129
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US-10-384-933-129
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              APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas
                                                                                  APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
FILE REFERENCE: 980126CIP/HG
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                                                                                                                                                                        Application US/10216484
o. US20030103976A1
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                     Antibodies
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Pred. No. 6.4e-85;
2; Mismatches 0;
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION UNMEER: US/10/384,933
CURRENT APPLICATION UNMEER: US/09/499,662
PRIOR APPLICATION UNMEER: US/09/499,662
PRIOR APPLICATION UNMEER: US/09/499,662
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
TYPE: PRT
                                                                                                            Query Match
Best Local :
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Best Local Similarity
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LENGTH: 238
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CURRENT FILLING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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METDTILLMVLLLMVPGSTGEIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMMWY
                                        METDTILLWVLLLWVPGSTGDIVLTQSPSSLSASVGDRVTITCKASQSVDYDGDSYMNWY
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                                                                                     Score 1174; DB 12;
Pred. No. 1.4e-80;
9; Mismatches 7;
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Pred. No. 6.
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APPLICANT: HATUYAMA, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
ITITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/493,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 107
LENGTH: 238
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US-10-384-933-50
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US-10-216-484-107
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                                                                                                                      Sequence 50, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
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Best Local !
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
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APPLICANT: Haruyama, Hideyuki
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o. US20030103976A1
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Pred. No. 1.4e-80;
9; Mismatches 7;
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RESULT 10
US-10-216-484-50
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FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 50
LENGTH: 238
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LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 165
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                                                                                                                                                             FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
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                                                                                            Local Similarity
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METDTILLWVLLLWVPGSTGDIVLTQSPGTLSLSPGERATLSCKASQSVDYDGDSYMNWY
                                   WEIDLITHAUTTTMADGSLEDIATIOSESSISVSACALLICKYSOSADADGDSAWWAMA 60
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Takahashi, Tohru
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                                                                          Conservative
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92.9%;
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Pred. No. 3.4e
9; Mismatches
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                                                                                          Score 1169; DB 15
Pred. No. 3.4e-80;
                                                                            Mismatches
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RESULT 11
US-10-384-933-52
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US-10-216-484-52
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 52
LENGTH: 238
                Sequence 52, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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Best Local Similarity 92.0
Matches 219; Conservative
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TITLE OF INVENTION: Anti-Fas Antibodies.
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,93:
CURRENT FILING DATE: 2003-02-05
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Nakahara, Kaori
Tamaki, Ikuko
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Takahashi,
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Pred. No. 3.2e
10; Mismatches
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Matches

Conservative

10;

Indels

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Gaps

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                                                                                ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed light
OTHER INFORMATION: Chain of humanized anti-Fas antibody
US-10-384-933-109
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SEQ ID NO 52
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  Best Local Similarity Matches 219; Conserv
                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 2000-02-09
                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed light OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                 LENGTH: 2:
TYPE: PRT
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TYPE: PRT
ORGANISM: Artificial Sequence
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                    93.48;
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; Pred. No. 3.2e-79;
10; Mismatches 9;
Score 1155; DB 12;
Pred. No. 3.9e-79;
.0; Mismatches 9;
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TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980.126CIP/HG
CURRENT APPLICATION UNMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION UNMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION UNMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: 1998-04-01
SEQ ID NO 109
SEQ ID NO 109
LENGTH: 238
                                                                                                                                                            RESULT 15
US-10-384-933-54
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; OTHER INFORMATION: chain of humanized anti-Fas antibody
US-10-216-484-109
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                                                                                       Sequence 54, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
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Best Local Similarity
Matches 219; Conserv
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                  121 TFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
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o. US20030103976A1
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92.0%; Pred. No. 3.9e-79;
tive 10; Mismatches 9;
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
FRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 54
LENGTH: 238
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 219; Conserv
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181
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                                                                                                                                   TFGQGTKVBIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
                                                                                                                                                                              QQKPGQPPKLLIYAASNLESGIPDRFSGSGSGTDFTLTIHPVEEEDAATYYCQQSNEDPR 120
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                                          GNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC 238
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                                                                                         TFGQGTRLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQS 180
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                                                                                                                                                                                                                                                                                                                                                                                 93.3%;
                                                                                                                                                                                                                                                                                                                                                                   9; Mismatches
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  238
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Search completed: February 20, 2004, 14:25:37 Job time: 19.0486 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
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seq length: 2000000000
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1: /cgm2_6/ptodata/1.
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6: /cgm2_6/ptodata/1.
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2517
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/cgm2 6/ptodata/1/iaa/5B_COMB.pep:*
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/cgm2-6/ptodata/1/iaa/BCTUS_COMB.pep:*
/cgm2-6/ptodata/1/iaa/backfiles1.pep:*
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      GenCore version
(c) 1993 - 2004
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US-08-458-516-13
US-08-458-518-39-10
US-09-049-672A-8
US-09-027-449-71
US-09-026-985-71
US-09-121-952A-71
US-09-131-93-30
US-09-485-737B-67
US-09-485-737B-67
US-09-485-737B-22
US-08-437-642B-22
US-08-146-206C-22
PCT-US93-0783-2
US-08-146-206C-22
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Compugen Ltd
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Sequence 43, Appl Sequence 10, Appl Sequence 11, Appl Sequence 71, Appl Sequence 71, Appl Sequence 71, Appl Sequence 71, Appl Sequence 71, Appl Sequence 71, Appl Sequence 67, Appl Sequence 90, Appl Sequence 22, Appl Sequence 22, Appl Sequence 18, Appl Sequence 18, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl Sequence 17, Appl Sequence 16, Appl Sequence 16, Appl Sequence 17, Appl Sequence 16, Appl Sequence 16, Appl Sequence 17, Appl Sequence 16, Appl Sequence 17, Appl Sequence 17, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18, Appl Sequence 18,
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2116 84.1 451 3 US-09-282-205-2 2116 84.1 451 3 US-09-054-255-2 2116 84.1 451 3 US-09-054-255-2 2116 84.1 451 3 US-09-282-046-2 2116 84.1 451 4 US-09-282-846-2 2116 84.1 451 4 US-09-282-846-2 2116 84.1 451 4 US-09-680-145-2 2105 83.6 451 4 US-09-466-163B-8 2105 83.6 467 2 US-07-916-098A-45 2102.5 83.5 44.9 4 US-09-670-197-2 2102.5 83.5 44.9 4 US-09-670-148-2 2102.5 83.5 44.9 4 US-09-670-128-2 2102.5 83.4 552 5 PCT-US93-07832-23 2096.5 83.3 46.9 2 US-07-934-3732-23 2096.5 83.3 46.9 2 US-07-934-3732-23 2096.5 83.3 46.9 3 US-08-437-642B-23 2096.5 83.3 46.9 4 US-09-466-235-3 2096 83.3 451 4 US-09-466-355-3
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US-09-282-505-2 US-09-054-255-2 US-09-054-255-2 US-09-282-846-2 US-09-282-846-2 US-09-680-145-2 US-08-466-163B-8 US-07-916-098A-45 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-679-397-2 US-09-146-206C-23 US-08-437-642B-23 US-08-437-642B-23 US-09-247-352-3 US-09-247-352-3

ALIGNMENTS

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GENERAL INFORMATION:

APPLICANT: Park, John E.

APPLICANT: Park, John E.

APPLICANT: Barin-Chesa, Pilar

APPLICANT: Garin-Chesa, Pilar

APPLICANT: Bamberger, Uwe

APPLICANT: Leger, Olivier

APPLICANT: Saldanha, Jose W.

APPLICANT: Saldanha, Jose W.

APPLICANT: Rettig, Wolfgang J.

TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility

FILE REFERENCE: 0552.1890001

CURRENT APPLICATION NUMBER: US/09/301,593A

CURRENT FILING DATE: 1998-04-29

EARLIER APPLICATION NUMBER: EP 98107925.4

EARLIER APPLICATION NUMBER: US 60/086,049

EARLIER FILING DATE: 1998-04-30

EARLIER FILING DATE: 1998-05-18

NUMBER OF SEQ ID NOS: 108

SOFTWARE: Patentin Ver. 2.0
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US-09-301-593-43
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LENGTH: 472
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Best Local Similarity
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240
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5%; Pred. No. 4.5e-161;
11; Mismatches 30;
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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-458-516-13
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                                                                                                                                                                                                                               Matches 420;
                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 5777085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/059,159

FILING DATE: 03-MAY-193

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 11823-37-3
                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tso, J. Yun
TITLE OF INVENTION: Humanized /
TITLE OF INVENTION: GPIIB/IIIA
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE:
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140 SASTKGPSVFPLAPSSKGTSGGTAALGCLVKDYFPBEPVTVSWNSGALTSGYHTFPAVLQS 199
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                                                                       61 NEKFKGRVTLTVDESTNTAYMELSSLRSEDTAVYFCAR-RDGNYGW-FAYWGQGTLVTVS
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: California
                                                                                                     NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGQGTLVTVS 139
                                                                                                                                                   QVQLVQSGAEVKKPGSSVKVSCKASGYAFTNYLIEWVRQAPGQGLEWIGVIYPGSGGTNY
                                                                                                                                                                       QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                                                                                 449 amino acids
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                                                                                                                                                                                                                               14; Mismatches 15;
                                                                                                                                                                                                                                                 Score 2232; DB 1;
Pred. No. 2.2e-159;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: CROWE, JAMES SCOTT
APPLICANT: LEWIS, ALAN PETER
TITLE OF INVENTION: PRODUCTION OF ANTIBODIES
NUMBER OF SEQUENCES: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10,
                                                                       Matches
                                                                                                      Query Match
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/952640

FILING DATE: 01-DEC-1992

ATTORNEY/AGENT INFORMATION:

NAME: ERNST, BARBARA G

REGISTRATION NUMBER: 30,377

REGISTRATION NUMBER: 1808-118

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                             TELEFAX: (202) 783-603
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/378,939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: WASHINGTON
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                                                                                        Local Similarity
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                     MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELLG 259
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                                                                                                                                                                                                                476 amino acids
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                                                                       Conservative
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TH ST. N.W.
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                                                                      21;
                                                                    Score 2230; DB 2;
Pred. No. 3.4e-159;
Mismatches 28;
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                                                                                                        Length 476;
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US-09-049-672A-8
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                                                      ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                    APPLICATION NUMBER: US FILING DATE: HEREWITH CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 31. CITY: Palo Alto STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Tang, Y. Tom
APPLICANT: Yue, Henry
APPLICANT: Au-Young, Janice
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED
NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: US
ZIP: 94304
                                     TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Incyte Pharmaceuticals, STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      421
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ----DYSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP 174
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                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 71, Application; Patent No. 6025158; GENERAL INFORMATION: APPLICANT: Gonzalez
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                COUNTRY: USA

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb fl

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/027,449
                                                                                                                                                                              STREET: 1 L...
STREET: 1 L...
CITY: South San Fra
CTATE: California
                                                                                                                                                                                                                                                                               APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                     ARESTELL GELL.
ADDRESSEE: GELL.
TOTAL 1 DNA Way
San Francisco
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71, Application US/09027449

Gonzalez, Tania R.

20-Feb-1998

US/09/027,449

1.44 Mb floppy disk

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US-09-049-672A-8
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Best Local Similarity
Matches 414; Conserv
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LIBRARY: LUNGT
CLONE: 2747531
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STRANDEDNESS:
TOPOLOGY: line
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                                                                                                                                                                                                                                                                HTCPPCPAPELLGGPSVFLFPPKKKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAPGQGLEW
                                                                            REPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGS
                                                                                                       REPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGS
                                                                                                                                                           VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP
                                                                                                                                                                                                                                       HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
                                                                                                                                                                                                                                                                                                                                           TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKT 246
                                                                                                                                                                                                                                                                                                                                                                                                   FDFWGQGTMVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGAL
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FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                               FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                              VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP 366
                                                                                                                                                                                                                                                                                                                    TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKT
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pred. No. 3.8e-157; 
19; Mismatches 28;
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RESULT 6
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                                                                                                                                                                             Sequence 71, Application Patent No. 6133426 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/074,33:
FILING DATE: 22-Jan-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/038,66:
FILING DATE: 21-Feb-1997
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 4,659
REFERENCE/DOCKST NUMBER: P108:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 1083
                                                                                     APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
                                                         NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 452 amino acids
TYPE: Amino Acid
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                                         ADDRESSEE:
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South San Francisco
                                                                                                                                                                                                                                                                                                                      RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                            1 DNA Way
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                                         Genentech,
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                                                                                                                                                                                                                 us/09026985
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Sequence 71, Application Patent No. 6458355

US/09121952A

GENERAL INFORMATION:

APPLICANT:

APPLICANT: APPLICANT:

Genentech, Inc., Hse Koumenis, Iphigenia Leong, Steven R. Presta, Leonard G.

Inc., Hsei,

APPLICANT:

Shahrokh,

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US-09-121-952A-71
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy discomputer: 1BM PC compatible

COMPUTER: 1BM PC compatible

COMPUTER: 1BM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/026,985

FILING DATE: 20-Feb-1998

CLASSIFICATION:

CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 407;
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Best Local Similarity
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NAME: Love, Richard B.
REGESTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P108
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 452 amino acids
TYPE: Amino Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 EVQLVQSGGGLVQPGGSLRLSCAASGYSFSSHYMHWVRQAPGKGLEWVGYIDPSNGETTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                       SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGQGTLVTV 138
                                                                                       RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                                                                                                                                                                                                            SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                     RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                        EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
                                                                                                                                                            BEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS 438
                                                                                                                                                                                                               YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
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Pred. No. 5.2e-157;
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US-09-121-952A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 60/075467
PILING DATE: 20-PEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1085R
TELECOMMUNICATION IMPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech) CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/121,952A FILING DATE: 24-Jul-1998 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
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MEDIUM TYPE: 3.5 inc
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CORRESPONDENCE ADDRESS
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                                                        EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
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                                     EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
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                                                                                                           YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
                                                                                                                                     YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR 378
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650/952-9881
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90.0%;
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Pred. No. 5.26
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TOPOLOGY: US-09-234-340A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
FILING DATE: 20-PEB-1998
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APPLICATION NUMBER: US/09/234,340A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
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CORRESPONDENCE ADDRESS:
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APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: WETHOUS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
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REGISTRATION NUMBER: 34,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DO SOFTWARE: WinPatin (Genentech)
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FILING DATE: 24-Jul-1998
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SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                                                                       NÓKFKGRFTLSRDNSKNTÄYLQMNSLRAEDTAVYYCÄRGDYRYNGDWFFDVWGQGTLVTV 120
                                                                                                                                                   NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGQGTLVTV 138
                                      SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 180
                                                             SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
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Koumenis, Iphigenia
Leong, Steven R.
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APPLICANT: Park, John E.
APPLICANT: Garin-Chesa, Filar
APPLICANT: Garin-Chesa, Filar
APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
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APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 472
TYPED: DET
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US-09-301-593-30
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Matches 416
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ORGANISM: Homo
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FNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK
                                                                                                                                                            TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR
                                                                                                                                                                                                                                                                                                      GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNR- 119
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                                                                                         VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK 297
                                                                                                                                                                                                                                                                                       GKSLEWIGGINÞNNGIÞNYNQKÞKGRATLTVGKSSSTAYMELRSLTSEDSAVYFCARRII
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                                                                   VEPKSCDKTHTCPPCPAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
                                                                                                                                           TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
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87.9%; Pred. No. 5.9e-157;
ative 19; Mismatches 34;
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CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR PLILING DATE: 1998-08-14
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PATENTIN VETSION 3.0
SEQ ID NO 67
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US-09-485-737B-67
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APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
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Patent No. 6350860
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TYPE: PRT
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              SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG
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                                                                                                                                                                                                                                                                                                                                                                                                                                       WMGWINTYTGESTYVDDFKGRFVFSLDTSVSAAYLQISSLKAEDTATYFCARRGFYA---
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                                                                                                                                                                               EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 365
                                                                                                                                                                                                                    THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV
                                                                                                                                                                                                                                                                                       LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
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RESULT 12
US-07-934-373C-22
; Sequence 22, Application
; Patent No. 5821337
; GENERAL INFORMATION:
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US-09-485-737B-90
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Best Local Similarity
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PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
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CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
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APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INVERFERON-Gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW 125
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                                         US/07934373C
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Best Local
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APPLICATION NUMBER: US/07/934,373C
FILING DATE: 21-Aug-1992
CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
FILING DATE: 15-UUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 22:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Leonard G. PITITLE OF INVENTION: Immu
NUMBER OF SEQUENCES: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 89.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WinPatin (Genentech)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: PO
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                                                                   SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436
                                                                                                                                          EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 376
                                                                                                                                                                                                                          LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE 316
                                                                                                                                                                                                                                                                                                                                                                                                                                           NQRFMDKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW---YFDVWGQGTLV 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                     EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 360
                                                                                                                                                                                                   LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
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                                                                                                                                                                                                                                                                                                                                                            TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV
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VENTION: Immunoglobulin
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Pred. No. 4.3e-154;
Prematches 28;
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Indels Length 454;

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Gaps

300

240

180

120

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421

KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 454

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RESULT 13
US-08-437-642B-22
US-08-437-642B-22
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; Sequence 20, Application U'
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REFERENCE/DOCKET NUMBER: P070
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1994
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 85.9%; Score 2161.5; Best Local Similarity 89.4%; Pred. No. 4.3e Matches 406; Conservative 17; Mismatches
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,642B
FILING DATE: 09-May-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 07/934373
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146206
FILING DATE: 17-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146206
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Amino Acid
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197 LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKFSNTKVDKRVBPKSCDKTHTCPPCPAPB
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                                                                                                                                                                                                                                                  NOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGQGTLV 136
                                                                                                                                                                                                                                                                                                         QVQLQQSGPELVKPGASVKISCKTSGYTPTEYTMHWMKQSHGKSLEWIGGFNPKNGGSSH
                                                                                          TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVIVSWNSGALTSGVHTFPAV
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US-08-146-206C-22
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                                                                                                                                                       Matches
                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/715272
PILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P070:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: 3.5 inch, 1.44 Mb flopp:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flopp:
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
CHILING DATE: 17-No. 6407213-1993
                                                                                                                                                                                                                                                                                                           TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Carter, Paul J.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Method for Making Humanized Antibodies
NUMBER OF SEQUENCES: 26
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                                                                                                                                                                                                                                                                     TYPE: Amino Acid
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  61
                      80 NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGQGTLV 136
                                                                                                     20 QVQLVQSGAEVKKPGASYKVSCKASGYTFTSYMMQMVKQAPGQGLEMMGEIDPSDSYTNY 79
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NORFMOKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV 120
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                                                                                                                                                     Conservative
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                                                                                                                                                       85.9%; Score 2161.5; DB 4;
89.4%; Pred. No. 4.3e-154;
tive 17; Mismatches 28;
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PCT-US93-07832-22
Sequence 22, Application PC/TUS9307832
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Immunoglobulin Variants
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
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                                   PCT-US93-07832-22
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 Query Match
                                                                                           TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US
FILING DATE: 19930820
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715
FILING DATE: 14-JUN-1991
                                                                                                                                                                                REGISTRATION NUMBER: 70
REFERENCE/DOCKET NUMBER: 70
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
PILLING DATE: 15-UNI-1992
PRIOR APPLICATION DATA: 17-UNI-1992
PRIOR APPLICATION NUMBER: 07/934373
PILLING DATE: 21-AUG-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: patin (Generation)
                                                  LENGTH: 454 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                  TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      361
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South San Francisco
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Length 454;
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Matches 406; Conservative 1
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                                                                SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD
                                                                                      SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD
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KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 454
                      KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                    EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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Search completed: February 20, 2004, 13:35:09
Job time : 16.5872 secs

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                    Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

7: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*

10: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

12: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

13: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

14: /cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

15: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*

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18: /cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep:*

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1 MGWSCIILFLVATATGVHSQ.....MHEALHNHYTQXSLSLSPGK 470
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Copyright (c) 1993 - 2004 Compugen Ltd.
SUMMARIES
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ALIGNMENTS

Result No.	Score	: #2	Length	BB	ID	Description
1	2517	100.0	470	12	US-10-384-933-143	Sequence
N	2517	100.0	470	15	US-10-216-484-143	Sequence
w	2515	99.9	470	12	US-10-384-933-145	Sequence
4.	2515	99.9	470	15	US-10-216-484-145	Sequence
ហ	2514	99.9	470	12	US-10-384-933-117	Sequence
ø.	2514	99.9	470	12	US-10-384-933-147	Sequence
7	2514	99.9	470	15	US-10-216-484-117	Sequence
8	2514	99.9	470	15	US-10-216-484-147	Sequence
9	2501	99.4	470	12	US-10-384-933-89	Sequence
10	2501	99.4	470	15	US-10-216-484-89	Seguence
. 11	2495	99.1	470	12	US-10-384-933-157	Sequence
12	2495	99.1	470	15	US-10-216-484-157	Sequence
13	2346.5	93.2	731	10	US-09-825-012-46	Sequence
14	2346.5	93.2	741	10	US-09-825-012-55	Sequence
15	2341.5	93.0	729	10	US-09-825-012-52	Seguence

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	F
2209.5	2222.5	2222.5	2222.5	2222.5	225	2225.5	2225.5	2225.5	2225.5	2226	2238.5	2255	2255	2255	2255.5	2255.5	2258.5	2258.5	2258.5	2258.5	2258.5	2258.5	2264	2264	2283.5	2288.5	2335.5	2335.5	70#T.0
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US-10-108-260A-4289	US-10-171-452A-54	-10-171	US-10-353-708-54	US-10-353-708-42	-10-104	US-10-171-452A-60	US-10-171-452A-48	US-10-353-708-60	-10	US-10-409-938-15	US-10-378-567-2	-10-	US-09-747-669-3	US-10-159-006-43	US-10-171-452A-53	US-10-353-708-53	-10-171-452A-	-10-	-10-17:	US-10-353-708-59	-10-35	US-10-353-708-41	-10-461	US-10-225-108A-16	US-10-377-121-22	US-10-377-121-18	US-09-825-012-58	US-09-825-012-49	00-03-063-010
				Sequence 4														Œ						æ					action to
4289, Ap	54, Appl			42, Appl	3329, Ap	60, Appl				15, Appl			Appli	43, Appl	53, Appl	53, Appl	59, Appl	47, Appl	11, Appl	59, Appl	47, Appl	41, Appl	9, Appli			18, Appl			

470

420

420

360

360

300

300

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APPLICANT: SETIZAWA, NO. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Hakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tkuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
LENGTH: 470
TYPE: PRT
RCANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 470; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       10-216-484-143
                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                        YSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
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5. US20030103976A1
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                                                                                                                                   YTNYNOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD
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Pred. No. 4.6e-166;
); Mismatches 0;
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APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126C1F/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 145
LENGTON:
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US-10-384-933-145
; Sequence 145, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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TYPE: PRT
ORGANISM: Artificial Sequence
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Pred. No. 6.3e-166;
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470;

heavy

0;

Gaps

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300

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Sequence 145, Application No. US20030103976A1

Publication No. US20030103976A1

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
""DV.ICANT: Takahashi, Tohru
""DV.ICANT: Takahashi, Tohru
""DV.ICANT: Takahashi, Tohru
""DV.ICANT: Takahashi, Tohru
""DV.ICANT: Takahashi, Tohru
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FILB REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 4
US-10-216-484-145
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ORGANISM: Artificial Sequence
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSESFK
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RESULT 6
US-10-384-933-147
; Sequence 147, Application US/10384933
; Publication No. US20030170817A1
; GENERAL INFORMATION:
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US-10-384-933-117
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Publication No. US20030170817A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Harnyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Nakahara, Kaori
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Best Local Similarity
Matches 469; Conserv
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SEQ ID NO 117
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TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILLING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
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Pred. No. 7.4e-166;
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APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
FIILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/97
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
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US-10-216-484-117
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                                                                                                                                                                           Sequence 117, Application US/10216484
Publication No. US20030103976A1
                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
              APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
CURRENT APPLICATION NUMBER: US/10/216,484
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    Mismatches

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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
ENGTH: 470
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US-10-216-484-147
; Sequence 147, Application US/10216484
; Publication No. US20030103976A1
; GENERAL INFORMATION:
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Best Local
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
                                                                                                                                                                               APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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Pred. No. 7.4e-166;
1; Mismatches 0;
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APPLICANT: Gerizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CLP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT APPLICATION NUMBER: US/9/49,662
PRIOR APPLICATION NUMBER: US/9/49,662
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/9/9/49,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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US-10-384-933-89
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Query Match
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                                                          FEATURE:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                               LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                          Description of Artificial Sequence: Designed chain of humanized anti-Fas antibody
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Pred. No. 7.4e-166;
1; Mismatches 0;
    Score 2501;
    멂
    12;
Length 470;
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Sequence 89, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980136CIP/HG
                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/216,484; CURRENT FILING DATE: 2002-08-09; PRIOR APPLICATION NUMBER: US/09/499,662; PRIOR FILING DATE: 2000-02-09; PRIOR APPLICATION NUMBER: US 09/053,583; PRIOR FILING DATE: 1998-04-01; NUMBER OF SEQ ID NOS: 165; SEQ ID NO 89; SEQ ID NO 89
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US-10-216-484-89
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                                                                                                                                Query Match
                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                  TYPE: PRT
                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                Local Similarity
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                                                   1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP
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 GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
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                                MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP
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                                                                                               Score 2501; DB 15;
Pred. No. 5.9e-165;
1; Mismatches 2;
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1; Mismatches 2;
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APPLICANT: Serizawa, No. US20030170817Alufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Nakahara, Kaori

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980136CIP/HG

CURRENT APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR PILING DATE: EARLIER PILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 157

LENGTH: 470

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Designed

OTHER INFORMATION: heavy chain of humanized anti-Fas antibody

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98.7%;
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Pred. No. 1.5e-164;
4; Mismatches 2;
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US-10-216-484-157
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SEQ ID NO 157
LENGTH: 470
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 464; Conservative
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE: FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: heavy chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
    301
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                                                                    KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
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    YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
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                                            KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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98.7%;
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Pred. No. 1.5e-164;
4; Mismatches 2;
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240 180 120

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GENERAL INFORMATION:
APPLICANT: Young, Robert
TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR PILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF CS 110 NOS-100-04-03
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Best Local Similarity
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SEQ ID NO 46
LENGTH: 731
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APPLICANT: Young, Robert
TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-2588 US
CURRENT APPLICATION UNMER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOPTWARE: Patentin version 3.1
SEQ ID NO 55
LENGTH: 741
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Matches 437;
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Best Local Similarity
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Patent No. US200
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                          LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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Pred. No. 4.9e-154;
20; Mismatches 10;
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RESULT 15 US-09-825-012-52 ; Sequence 52, Application US/09825012 ; Patent No. US20020122798A1

GENERAL INFORMATION:

APPLICANT: Young, Robert
TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-25608
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02

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; PRIOR APPLICATION NUMBER: GB 0008049.9

PRIOR FILING DATE: 2000-04-03;

NUMBER OF SEQ ID NOS: 102;

SOFTMARE: Patentin version 3.1

SEQ ID NO 52;

LENGTH: 729;

TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Humanised HMFG1 heavy chain - DNase I fusion
US-09-825-012-52
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                                                                  358 KAKGOPREPOVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 466
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re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.
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seq length: 2000000000
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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfIles1.pep:*
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                       MGWSCIILFLVATATGVHSQ......MHEALHNHYTQKSLSLSPGK 470
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GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
                 US-09-301-593-43
US-08-458-516-13
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US-09-027-449-71
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US-09-121-952A-71
US-09-301-593-30
US-09-485-737B-67
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2096	2096	2098.5	2098.5	2098.5	2101.5	2104.5	2104.5	2104.5	2105.5	2107	2107	2118	2118	2118	2118	2118	2118
83.3	83.3	83.4	83.4	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1
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US-09-466-635-3	US-09-247-352-3	US-08-146-206C-23	US-08-437-642B-23	US-07-934-373C-23	PCT-US93-07832-23	US-09-304-465A-2	US-09-680-148-2	US-09-679-397-2	US-07-916-098A-45	US-08-466-163B-8	US-08-466-151-8	US-09-680-145-2	US-09-282-846-2	US-09-296-005-18	US-09-054-255-2	US-09-282-505-2	US-09-109-207C-18
Sequence 3, 1	Sequence 3, 1	Sequence 23,	Sequence 23,	Sequence 23,	Sequence 23,	Sequence 2, 1	Sequence 2, 1	Sequence 2, 1	Sequence 45,	Sequence 8, 1	Sequence 8, 1	Sequence 2, 1	Sequence 2, 1	Sequence 18,	Sequence 2, 1	Sequence 2, 1	Sequence 18,
Appli	Appli	Appl	App1	Appl	Appl	Appli	Appli	Appli	App1	Appli	Appli	Appli	Appli	App1	Appli	Appli	Appl

ALIGNMENTS

QY 238 VEPKSCDKTHTCPPCDAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK	Qy 178 TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR	Oy 120DYSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPBPV	Qy 61 GQGLEWMGBIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNR- 	Qy 1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAP : :	Query Match 89.5%; Score 2253; DB 4; Best Local Similarity 90.3%; Pred. No. 1.1e-16;; Matches 427; Conservative 12; Mismatches 30;
TLMISRTPEVTCVVVDVSHEDPEVK 297	SSSLGTQTYICNVNHKPSNTKVDKR 237	.PSSKSTSGGTAALGCLVKDYFPEFV 177	STAYMELSSLRSEDTAVYYCARNR- 119	SVKVSCKASGYTFTSYMMQWVKQAP 60	3 4; Length 472;
				:	161;
	SSSLGTQTYICNVNHKPSNTKVDKK 239	.PSSKSTSGGTAALGCLVKDYFPEFV 179	STAYMELSSLRSEDTAVYYCARRRI 120	SVKVSCKTSRYTFTEYTIHWVRQAP 60	30; Indels 4; Gaps 2;

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                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: protein US-08-378-939-10
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Matches
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Patent No. 5876961
GENERAL INFORMATION:
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/952640
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-118
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (202) 783-603 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 476 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: CROWE, JAMES SCOTT
APPLICANT: LEWIS, ALAN PETER
TITLE OF INVENTION: PRODUCTION OF ANTIBODIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 783-6040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROTHWELL, FIGG, ERNST & KURZ
STREET: 555 THIRTEENTH ST. N.W.
                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 476 .....
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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  RQANFDRARVGWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP 180
                       ----DYSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP 174
                                                                                                     GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNR- 119
                                                                                                                                                                                      MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAP 60
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                                                                              GQGLEWMGGIIPLFGTPTYSQNFQGRVTITADKSTSTAHMELTSLRSEDTAVYYCATDRY 120
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С
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                                                                                                                                                                                                                                           88.7%; Score 2232; DB 2; Length 476; ilarity 88.7%; Pred. No. 4.1e-160; Conservative 20; Mismatches 28; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Co, Man Sung
APPLICANT: TSo, J. Yun
TITLE OF INVENTION: Human
TITLE OF INVENTION: GPIII
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 13, Application US/08458516 Patent No. 5777085
                                                                          Matches
                                                                                                             Query Match
                                                                                                                                                                                                                                                               TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/059
FILING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 1182
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
COERRATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower,
                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                            Local Similarity
                                                                                                                                                                                      TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94105
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                                     20
                               QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP 354
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QVQLVQSGAEVKKPGSSVKVSCKASGYAPTNYLIEMVRQAPGQGLEWIGVIYPGSGGTNY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP
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                                                                            Conservative
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92.9%;
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                                                                        15;
                                                                        Score 2230; DB 1;
Pred. No. 5.4e-160;
F: Mismatches 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Version
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                                                                                                             Length 449;
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RESULT 4
US-09-049-672A-8
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                                                                                                                                                                                   MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,672A
FILING DATE: HEREWITH
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
INFORMATION FOR SEQ ID NO:
                                                ATTORNEY/AGENT INFORMATION:
NAME: CETTODE, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
COMPUTER: IBM COMPATIN
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Au-Young, Janice
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Incyte Pharmaceuticals, STREET: 3174 Porter Drive CITY: Palo Alto
                                TELEFAX: 650-845-4166
                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGQGTLVTVS 139
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Yue, Henry
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Best Local Similarity
Matches 413; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
STEANDENNESS: sing
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: LUNGTUT11
CLONE: 2747531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                              364
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                                                                                                                                                                                                           HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYYDGVE 306
                                                                                                                                                                                                                                                                                                                                                                                                    MGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWY 126
                                                              REPOVTTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGS
                                                                                    REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS
                                                                                                                          TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTY1CNVNHKPSNTKVDKRVEPKSCDKT 246
                                                                                                                                                                                                                                                                                                                                       PDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGAL
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FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                     FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                            HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
                                                                                                                                                                                                                                                        TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
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89.0%; Pred. No. 9.4e-158;
rative 20; Mismatches 28;
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US-09-027-449-71

US-09-027-449-71

; Sequence 71, Application US/09027449
; Sequence 71, Application US/09027449
; Batent No. 6025158
; GENERAL INFORMATION:
APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Leong, Steven R.
APPLICANT: Leong, Steven R.
APPLICANT: DF INVENTION: Antibody Fragment-Polymer Conjugates and TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies NUMBER OF SEQUENCES: 72
CCRRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/027,449
FILING DATE: 20-Feb-1998

CLASSIFICATION:

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RESULT 6
US-09-026-985-71
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                               Sequence 71, Application US/09026985

Patent No. 6133426

GENERAL INFORMATION:
APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
APPLICANT: OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
NAME: LOVE, RICHARD B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1085R3-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
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APPLICATION NUMBER: 60/074,330
FILING DATE: 22-Jan-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/038,664
ADDRESSEB: GenentusTREET: 1 DNA Way
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                            Genentech, Inc.
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US-09-121-952A-71

Sequence 71, Application Patent No. 6458355

US/09121952A

GENERAL INFORMATION:

Genentech, Inc., Hs Koumenis, Iphigenia Leong, Steven R. Presta, Leonard G.

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APPLICANT:
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COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flc
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,985
PILING DATE: 20-Feb-1998
CLASSIFICATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 91085R3-1
REFERENCE/DOCKET NUMBER: 91085R3-1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
TYPE: Amino Acid
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89.8%; Pred. No. 1.3e-157;
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INFORMATION FOR SEQ ID NO:
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APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
FILING DATE: 20-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 91085R
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LENGTH: 452 amino acids
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STREET: 1 ....
CITY: South San Fra
CTATE: California
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APPLICATION NUMBER: US/0:
FILING DATE: 24-Jul-1998
CLASSIFICATION: 514
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TITLE OF INVENTION: METHODS O
TITLE OF INVENTION: WITH ANTI
NUMBER OF SEQUENCES: 72
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406; Conservative
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RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                         EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS 438
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WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
72
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89.8%; Pred. No. 1.3e
tive 28; Mismatches
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US-09-234-340A-71
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION UMBER: U
APPLICATION NUMBER: U
FILING DATE: 24-Jul-1
APPLICATION NUMBER: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: LOVE, RICHARD B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
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APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
NUMBER OF SEQUENCES: 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
FILING DATE: 20-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
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CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                           TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
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                                                                                                           61
                                                                                                                                   80 NQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGQGTLVTV 138
                                                                                                                                                                                                                20 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
                                                                                                                                                                                1 EVQLVQSGGGLVQPGGSLRLSCAASGYSFSSHYMHWVRQAPGKGLEWVGYIDPSNGETTY
                                                                       SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
 SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                                                         NQKFKGRFTLSRDNSKNTAYLQMNSLRAEDTAVYYCARGDYRYNGDWFFDVWGQGTLVTV 120
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                                                                                                                                                                                                                                                                                                                                                                                452 amino acids
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Koumenis, Iphigenia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DATA:
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                                                                                                                                                                                                                                                    Score 2198.5; DB 4;
Pred. No. 1.3e-157;
28; Mismatches 17;
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SEPTIC

SHOCK,

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GENERAL INFORMATION:
APPLICANT: BARK, John E.
APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Bamberger, Uwe
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1998-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER PILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 30
LENGTH: 472
TYDE: DET
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US-09-301-593-30
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Best Local Similarity
Matches 415; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
-09-301-593-30
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                                                                                                                                        180
                                                                                                                                                                               178
                                                                                                                                                                                                                                                                                                                                                                                                                                                      atch 87.3%; Score 2198; DB 4; Length 472; sal Similarity 87.7%; Pred. No. 1.5e-157; 415; Conservative 20; Mismatches 34; Indels
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                                                                                    VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK 297
                                                                                                                                                                                                                                                                                                               GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNR- 119
                                                                                                                                                                                                                                                                                                                                                                      MGWSWVFLFLLSGTAGVLSEVOLOOSGPELVKPGASVKMSCKTSRYTFTEYTIHWVROSH
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                                                                                                                                                            TVSWNSGALTSGYHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR
                                                                                                                                                                                                                                           --DYSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV 177
                                                                                                                                                                                                                                                                                                 GKSLEWIGGINPNNGIPNYNOKFKGRATLTVGKSSSTAYMELRSLTSEDSAVYFCARRRI 120
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                        FNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK
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                                                            VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
                                                                                                                                      TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
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APPLICANT: BUYSE, Marie-Ange

APPLICANT: Sablon, Erwin

TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS

FILE REFERENCE: INNS:015

CURRENT APPLICATION NUMBER: US/09/485,737B

CURRENT FILING DATE: 2000-02-14

PRIOR APPLICATION NUMBER: PCT/EP 98/05165

PRIOR APPLICATION NUMBER: BPO 98870139.7

PRIOR APPLICATION NUMBER: BPO 98870139.7

PRIOR APPLICATION NUMBER: BPO 98870122.5

PRIOR FILING DATE: 1998-06-18

PRIOR FILING DATE: 1997-08-18

NUMBER OF SEQ ID NOS: 104

SOSTWARE: Patentin version 3.0
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US-09-485-737B-67
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ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                                                                                                                                         LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WMGBIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -MDYWGQGTTVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGA
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                                                                                          PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG 425
                                                                                                                                                                 EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 365
                                                                                                                                                                                                                                             THTCPPCPAPELLGGPSVPLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 305
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                          SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                              PREPOVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG
                                                                                                                                          EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQ
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      US/09485737B
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4

Gaps

66

422

362

302

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CURRENT APPLICATION NUMBER: US/09/485,737B
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: POT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR APPLICATION NUMBER: BPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: BPO 97870122.5
PRIOR APPLICATION NUMBER: BPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PATENTIN VETSION 3.0
SEQ ID NO 90
           RESULT 12
US-07-934-373C-22
; Sequence 22, Application US/07934373C
; Patent No. 5821337
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US-09-485-737B-90
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APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK,
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
 GENERAL INFORMATION:
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TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                   PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG 425
                                                                                                                                                                                                                                                                                                        EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 365
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                                                                                                                           SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                                 PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG
                                                                                                                                                                                                                                                                        EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQ
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                                                                                                                                                                                                                                                                                                                                                                                                                   LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK 242
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INFORMATION FOR SEQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: IM NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 454 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: PO'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 650/225-1994
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 437
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KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
PRIOR APPLICATION NUMBER: PCT/US92/05126
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
PILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/934,373C
FILING DATE: 21-Aug-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Match 85.8%; Score 2159.5; DB 2; Local Similarity 89.2%; Pred. No. 1.1e-154; Local Similarity 89.2%; Mismatches 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
                                                                                                                                                               EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP 376
                                                                                                                                                                                                                                                                                          LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHBDPEVKFNWYVDGVEVHNAKTKPRE 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NQRFMDKATLAVDKSTSTAYMELRSLTSEDSGTYYCARWRGLNYGPDVRYFDVWGAGTTV 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NOKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW---YFDVWGQGTLV 136
SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD
                                       SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436
                                                                                                                              EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
                                                                                                                                                                                                                                                            LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
                                                                                                                                                                                                                                                                                                                                                                                    LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPE
                                                                                                                                                                                                                                                                                                                                                                                                                        LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV
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US-08-437-642B-22
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                                                                                                                                                                                                                                                                                                          Matches 405; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 650/952-9881 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934373
APPLICATION NUMBER: 07/934373
APPLICATION NUMBER: 08/146206
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PILING DATE: 17-NOV-1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: PO-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-1994
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CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/437,642B
FILLNG DATE: 09-May-1995
CLASSIFICATION: 530
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 454 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US92/05126
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197 LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEFKSCDKTHTCPPCPAPE 256
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                                                                                        TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV 196
                                                                                                                                                                      NQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGQGTLV 136
                                                                                                                                                                                                                          QVQLQQSGPELVKPGASVKISCKTSGYTFTEYTMHWMKQSHGKSLEWIGGFNPKNGGSSH 60
                                                                                                                                              NORFMOKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV 120
                                                                 TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAV
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                                                                                                                                      Matches
                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                       TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715
FILING DATE: 14-UUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
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APPLICANT: Presta,
TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inc
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                                                                                                                                                                                                                                       LENGTH: 454 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/146,206C FILING DATE: 17-No. 6407213-1993
                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 40,378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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                 NQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW----YFDVWGQGTLV 136
                                                                                              QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAPGQGLEWMGEIDPSDSYTNY 79
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NORFMDKATLAVDKSTSTAYMELRSLTSEDSGIYYCARWRGLNYGFDVRYFDVWGAGTTV
                                                                QVQLQQSGPELVKPGASVKISCKTSGYTFTEYTMHWMKQSHGKSLEWIGGFNPKNGGSSH
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: Method
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for Making Humanized Antibodies
                                                                                                                                    Score 2159.5; DB 4;
Pred. No. 1.1e-154;
.8; Mismatches 28;
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                                                                                                                                                                    Length 454;
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COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM 5.25 inch, 360 Kb floppy disk

COPERATING SYSTEM: 9C DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/07832

FILING DATE: 19930820

CLASSIFICATION DATA:

PRIOR APPLICATION NUMBER: 07/715272

FILING DATE: 14-JUN-1991

PILING DATE: 14-JUN-1991

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 22, Application PC/TUS9307832
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
FITLE OF INVENTION: Immunoglobulin Variants
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STRIE: California
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PCT-US93-07832-22
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PCT-US93-07832-22
                                                                    TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                               REGISTRATION NUMBER: 70
REFERENCE/DOCKET NUMBER: 70
TELECOMMUNICATION INFORMATION:
TELEPHONE:
                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US92/05126

FILING DATE: 15-JUN-1992

PRIOR APPLICATION DATA: 1992

PRIOR APPLICATION NUMBER: 07/934373

FILING DATE: 21-AUG-1992

ATTORNEY/AGENT INFORMATION:
                                TYPE: amino acids
                                                                                                                             TELEFAX:
                  TOPOLOGY:
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Query Match

85.8%;

Score 2159.5;

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 421
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KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 454
                       KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                     SREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDGSFFLYSKLTVD
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                                                                                                    SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436
                                                                                                                                       EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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420

Search completed: February Job time : 16.5872 secs 20, 2004, 13:35:10 THIS PAGE BLANK (USPTO)

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Perfect score:
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Published Applications AA:*

1: /cgm2_6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

2: /cgm2_6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

3: /cgm2_6/ptodata/1/pubpaa/US06 NEW PUB.pep:*

4: /cgm2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgm2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

6: /cgm2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*

7: /cgm2_6/ptodata/1/pubpaa/US08_NEW PUB.pep:*

9: /cgm2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

10: /cgm2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*

11: /cgm2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

12: /cgm2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

13: /cgm2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

14: /cgm2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*

15: /cgm2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

16: /cgm2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

16: /cgm2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

17: /cgm2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

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Copyright (c) 1993 - 2004 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

14 15	11 12 13	10 9	760	ผมสา	Result No.
2348.5 2343.5	2497 2497 2348.5	2512 2499 2499	2512 2512	2517 2515 2515	Score 2517
93.3 93.1	99.2 99.3	99.8 99.3	99.8 8.8	100.0 99.9 99.9	Query Match Le
741 729	470 470 731	470 470 470	470 470	470 470	Length DB
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US-09-825-012-55 US-09-825-012-52	US-10-384-933-157 US-10-216-484-157 US-09-825-012-46	US-10-216-484-147 US-10-384-933-89 US-10-216-484-89	US-10-384-933-147 US-10-384-933-147 US-10-216-484-117	US-10-216-484-145 US-10-384-933-143 US-10-216-484-143	ID US-10-384-933-145
55,		Sequence 147, App Sequence 89, Appl Sequence 89, Appl	Sequence 117, App Sequence 117, App	Sequence 145, App Sequence 143, App Sequence 143, App	Description Sequence 145, App

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US-10-108-260A-4289	US-10-171-452A-54	-10-171-452A-	US-10-353-708-54	US-10-353-708-42	US-10-171-452A-60	US-10-171-452A-48	US-10-353-708-60	US-10-353-708-48	US-10-409-938-15	US-10-104-047-3329	US-10-378-567-2	US-10-159-006-43	US-10-290-703-3	US-09-747-669-3	US-10-171-452A-53	US-10-353-708-53	US-10-171-452A-59	US-10-171-452A-47	US-10-171-452A-41	US-10-353-708-59	US-10-353-708-47	US-10-353-708-41	US-10-461-148-9	US-10-225-108A-16	US-10-377-121-22	US-10-377-121-18	US-09-825-012-58	US-09-825-012-49	CO-00-060 040 04
Sequence 4289, Ap	54,	42,	54,	42,	60,	48,	60,	48,	15,	33		43	ω	Ψ	53	53,	59,	47,	41,	59,	47	Sequence 41, Appl	٥	Sequence 16, Appl	Sequence 22, Appl	18,	Sequence 58, Appl	Sequence 49, Appl	•

ALIGNMENTS

120	61 GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRD	Ş
60	1 MGWSCIILFLVATATGVHSQVQLVQSGABVKKPGASVKVSCKASGYTFTSYMMQWVKQAP 	유 상
0,	Query Match 100.0%; Score 2517; DB 12; Length 470; Best Local Similarity 100.0%; Pred. No. 5.2e-166; Matches 470; Conservative 0; Mismatches 0; Indels 0; Gaps	
	; FEATURE: ; OTHER INFORMATION: Description of Artificial Sequence: Designed heavy ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-145	us;
	LENGTH: 470 TYPE: PT ORGANISM: Artificial Sequence	
	NUMBER OF SEQ ID NOS: 165 SEQ ID NO 145	
	PRIOR FILING DATE: 2000-02-09 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583 PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01	
		
	FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/384,933	
	APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies	
		٠. ٠.
	: Serizawa, N	٠. ٠.
	Publication No. US20030170817A1 GENERAL INFORMATION:	·· ··
	RESULT 1 US-10-384-933-145 ; Sequence 145, Application US/10384933	US ;

420

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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CLP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/53,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 145
LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Chain of humanized anti-Fas antibody
TOTHER INFORMATION: chain of humanized anti-Fas antibody
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Best Local Similarity
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                                                                                            GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                                                                                                                                                                                                 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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                                                            YSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
                                                                                                                                                                                            MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP
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o. US20030103976A1
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                                                                                                                                                                                                                                                             Score 2517; DB 15;
Pred. No. 5.2e-166;
0; Mismatches 0;
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APPLICANT: Tamaki, Tkuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: EARLIER FILING DATE: 1980-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
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Publication No. US20030170817A1 
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  Matches 469;
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 470
TYPE: PRT
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                                                                                                                                                                                                                                                                                GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRD
        YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                                                               KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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                                                                                                                                                                                                                                                                                                                                                                                                  1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                  Score 2515;
Pred. No. 7.
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heavy

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180 180 120 120 60 60

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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILLE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/9/499,662
PRIOR APPLICATION NUMBER: US/99/49,662
PRIOR APPLICATION NUMBER: US/99/39,863
PRIOR APPLICATION NUMBER: US/99/353,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
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US-10-216-484-143
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ORGANISM: Artificial Sequence
FEATURE:
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                             KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV 420
                                                                                                                                                      YVDGVEVHVAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                                                                                                                                                                                     KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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o. US20030103976A1
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Pred. No. 7.1e-166;
1; Mismatches 0;
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RESULT 6
US-10-384-933-147
is Sequence 147, Application US/10384933
publication No. US20030170817A1
GENERAL INFORMATION:
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; OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-117
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US-10-384-933-117
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CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR TILING DATE: 2000-02-09

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 117

LENGTH: 470
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Best Local Similarity
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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                              LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                          KAKGOPREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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Pred. No. 1.2e-165;
2; Mismatches 0;
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Sequence 117, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126C1P/HG
CURRENT APPLICATION NUMBER: US/10/216,484
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TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

FULE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 147

LENGTH: 470

TYPE: PRT

ORGANISM: Artificial Sequence
FEATURE:

PRIOR TARGETTON: Description of Artificial Sequence
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US-10-216-484-117
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APPLICANT: Haruyama, Hideyuki
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Pred. No. 1.2e-165;
2; Mismatches 0;
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                  CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
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US-10-216-484-147
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Best Local (
                                                                                                                                                                APPLICANT: Serizawa, No. US20030103976Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Nakahara, Kaori APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Ikuko APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE ERFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
LENGTH: 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                    YSNNWYFDVWGQGTLVTVSSASTXGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                         LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
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Pred. No. 1.2e-165;
2; Mismatches 0;
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
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                                                                                                                                                                         SEQ ID NO 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 89, Application US/10384933 Publication No. US20030170817A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
                                                                                                                                                                                       PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01 NUMBER OF SEQ ID NOS: 165
                                                                                            TYPE: 470
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                          OTHER INFORMATION:
OTHER INFORMATION:
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ORGANISM: Artificial Sequence
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                                                        Description of Artificial Sequence: Designed heavy chain of humanized anti-Fas antibody
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Pred. No. 1.2e-165;
2; Mismatches 0;
Length 470;
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Query Match

99.3%;

Score

2499;

B 12;

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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIF/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: US/09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
LENGTH: 470
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Takahashi, Tohru
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                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                      TYPE: PRT
                                                                                                                                local Similarity
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                                                           MGWSCIILFLVATAIGYHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVKQAP 60
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 GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                     MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP
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                                                                                                              Score 2499; DB 15;
Pred. No. 9.1e-165;
2; Mismatches 2;
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CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 157
LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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US-10-384-933-157
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                                                                                                                                                                                                                                                                 Matches 465;
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Best Local
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILB REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of OTHER INFORMATION: heavy chain of
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                                                                                                                                                                                                                                                                                Similarity
 WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                                       YSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS 180
                                                                                                               GQGLEWMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRD
                                                                                                                                    GQGLEWMGEIDPSDSYTNYNQKFKGKATITVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                                                                                                                                                                                         | MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVKQAP 60
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o. US20030170817A1
                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                             99.2%; Score 2497; DB 12; 98.9%; Pred. No. 1.3e-164; tive 3; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                           Artificial Sequence: Designed humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                 Length 470;
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APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 157
LENGTH: 470
TYPE: PRT
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US-10-216-484-157
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 465;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: heavy chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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     YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                          KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPBVKFNW
                                                               KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
                                                                                                                 WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
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o. US20030103976A1
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Pred. No. 1.3e-164;
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TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.1
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LENGTH: 731
TYPE: PRT
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                       KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.1
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LENGTH: 741
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GENERAL INFORMATION:
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Best Local Similarity
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TYPE: PRT
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 LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                     LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSFPGK 470
                                                                      KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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Pred. No. 4e-154;
O; Mismatches 1
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RESULT 15
US-09-825-012-52
; Sequence 52, Application US/09825012
; Patent No. US20020122798A1
; GENERAL INFORMATION:
; APPLICANT: Young, Robert
; TITLE OF INVENTION: Compounds for Targeting
; FILE REFERENCE: 43191-256808
; CURRENT APPLICATION NUMBER: US/09/825,012
; CURRENT FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: US 60/237,159
; PRIOR FILING DATE: 2000-10-02

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; PRIOR APPLICATION NUMBER: GB 0008049.9
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 52
; LENGTH: 729
; TYPE: PRT
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Humanised HMFG1 heavy chain - DNa
US-09-825-012-52
Search completed: February 20, 2004, 14:25:39 Job time : 36.6422 secs
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                                                                            421 LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 469
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                                                                                                                                                                                                   YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS 360
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                                                                                                                                                                                                                                                              KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW 300
                                                                                                                                                                                                                                                                                                                                                                                                                         GKGLEWVGEILPGSNNSRYNEKFKGRVTVTRDTSTNTAYMELSSLRSEDTAVYYCARSYD 120
                                                            LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG 466
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
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     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
  B B
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Match
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1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgm2_6/ptodata/1/iaa/backfiles1.pep:*
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Gapop 10.0 ,
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2517
1 MGWSCIILPLVATATGVHSQ.....MHEALHNHYTQKSLSLSPGK
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   Minimum Match 0%
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Listing first 45 summaries
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   GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd
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              US-09-301-593-43
US-08-458-515-13
US-08-478-93-10
US-09-049-672A-8
US-09-027-449-71
US-09-121-952A-71
US-09-131-593-18
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US-09-485-737B-67
US-09-485-737B-67
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US-08-437-642B-22
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US-09-109-207C-14
US-09-109-207C-14
US-09-109-207C-14
US-09-109-207C-14
US-09-109-207C-14
US-09-109-207C-16
US-08-487-550-18
US-09-296-005-16
US-09-296-005-16
US-08-487-550-8
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Sequence 43, Appl
Sequence 10, Appl
Sequence 11, Appl
Sequence 71, Appl
Sequence 71, Appl
Sequence 71, Appl
Sequence 71, Appl
Sequence 71, Appl
Sequence 71, Appl
Sequence 67, Appl
Sequence 90, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 22, Appl
Sequence 21, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
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451 3 US-09-109-207C-18 451 3 US-09-282-505-2 451 3 US-09-282-505-2 451 3 US-09-26-005-18 451 4 US-09-26-005-18 451 4 US-09-26-005-18 451 4 US-09-680-145-2 453 3 US-08-466-163B-8 467 2 US-07-916-098A-45 449 4 US-09-679-397-2 449 4 US-09-680-148-2 449 9 US-09-304-465A-2 552 5 PCT-US-3-07832-23 469 2 US-07-934-373C-23 469 3 US-08-44-206C-23 451 4 US-09-47-352-3 451 4 US-09-466-635-3 451 4 US-09-466-635-3 ALIGNMENTS ALIGNMENTS	oplicati	83.3			83.4		83.5	83.7	83.7	83.7	83.7	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2
3 US-09-109-207C-18 3 US-09-282-505-2 3 US-09-284-255-2 3 US-09-296-005-18 4 US-09-280-846-2 4 US-09-280-866-153B-8 2 US-08-466-153B-8 2 US-09-680-148-2 4 US-09-680-148-2 4 US-09-680-148-2 5 PCT-US93-07822-23 5 US-07-934-373C-23 5 US-08-437-642B-23 5 US-08-37-642B-23 6 US-08-37-	on US/	451	451																
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APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0552.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER FILING DATE: 1999-04-29
EARLIER FILING DATE: 1998-04-30
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PATENTION VOMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 43
LENGTH: 472
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; ORGANISM: Homo sapiens
US-09-301-593-43
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240
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                                                                                                                                                      AYGYDEGHAMDYWGQGTLVTVSS-STKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV
                                                                                                                                                                                                                                                                                                             MDWTWRVFCLLAVAPGAHSQVQLVQSGAEVKXPGASVKVSCKTSRYTFTEYTIHWVRQAP
  VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
                        VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKFKDTLMISRTPEVTCVVVDVSHEDPEVK 297
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Patent No. 5777085
                                                                                                                                                                                                                                       Query Match 88.8%; Score 2235; DB 1; Best Local Similarity 93.3%; Pred. No. 5.2e-160; Matches 421; Conservative 13; Mismatches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/458
FILING DATE:
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/059
FILING DATE: 03-KAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REPERENCE/DOCKET NUMBER: 1182
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-326-2422 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: One ....
STREET: One ....
STREET: Gan Francisco
STATE: California
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APPLICANT: Tso, J: Yun
TITLE OP INVENTION: GPIIB/IIIA
TITLE OP INVENTION: GPIIB/IIIA
                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 449 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: William M. Smith
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 449 amino
TYPE: amino acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                      140
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ASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQS 199
                                                                            NEKFKGRVTLTVDESTNTAYMELSSLRSEDTAVYFCAR-RDGNYGW-FAYWGQGTLVTVS
                                                                                                                NOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWYFDVWGQGTLVTVS 139
                                                                                                                                                            UVQLVQSGABVKKPGSSVKVSCKASGYAFTNYLIEWVRQAPGQGLEWIGVIYPGSGGTNY
                                                                                                                                                                                  QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVRQAPGQGLEWMGEIDPSDSYTNY 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 472
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                                                                                                                                                                                                                                                                                                                                                             linear
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                                                                                                                                                                                                                                                                                 Length 449;
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Patent No. 5
                                                                 Matches 422;
                                                                                                Query Match
                                                                                                                                                                                             TELEFAX: (202) 783-6031
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 476 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 18
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952640
FILING DATE: 01-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: CROWE, JAMES SCOTT APPLICANT: LEWIS, ALAN PETER
                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                        TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 555 THIRT
                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.
                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         440
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5876961
MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSR 439
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555 THIRTEENTH ST. N.W.
                                                                 Conservative
                                                                                                                                                                                                                                                                 (202)
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                                                                20; Mismatches
                                                                                                                                                                                                                                                                                                 1808-118
                                                                 Score 2233; DB 2;
Pred. No. 7.9e-160;
10; Mismatches 28;
                                                                                                Length 476;
                                                                   Indels
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                                                                   Gaps
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RESULT 4
US-09-049-672A-8
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INFORMATION FOR SEQ ID NO:
                                                 ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
TITLE OF INV
                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FABLUSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,672A
FILING DATE: HEREWITH
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett.
COMPUTER: IBM Compat
OPERATING SYSTEM: DO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED NUMBER OF SEQUENCES: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 3174 POI
CITY: Palo Alto
                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Incyte Pharmaceuticals,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY
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Yue, Henry
Au-Young, Janice
Corley, Neil C.
Guegler, Karl J.
Baughn, Mariah R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                  650-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Hillman,
                                                                                                                                                                                                                                                                                                                           IBM Compatible
                                                                                                                                                                                                                                                                                                                                            Diskette
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                                                                                         PF-0497
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                                                                                                                                                                                                                                                  Patent No. 6025158
GENERAL INFORMATION:
APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fr.
TITLE OF INVENTION: Humanized A.
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 5
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb fl
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/027,449
                                                                                                                                                                               STREET: 1 DNA Way
CITY: South San F
STATE: California
                                                                                                                                             COUNTRY: U
 FILING DATE:
                                                                                                                                                                                                                                       ADDRESSEE:
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71, Application US/09027449 5. 6025158

1 DNA Way

Francisco

Genentech, Inc.

Humanized Anti-IL-8 Monoclonal 72

Fragment-Polymer Conjugates and

Antibodies

USA

floppy disk

US/09/027,449

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US-09-049-672A-8
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Best Local 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDENNESS: sing
TOPOLOGY: INTERIOR SOURCE:
LIBRARY: LUNGTUT11
CLONE: 2747531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                MGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWY 126
                                                                      REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS
                                                                                                                                                                                                             HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE
                                                                                                                                                                                                                                                                                                       TSGVHTFPAVLQSSGLYSLSSVVTVPSSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKT
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                                                                                                                                                                                                                                                                                                                                                                                                                               MGGLAPENGEAVYAQKFLGRLTLSEDTSADTAYMFLNNLGSEDSAIYYCARQH---YDFF
                                                                                            REPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGS
                                                                                                                                          VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP
                                                                                                                                                                      VHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQP
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FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                      FFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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Pred. No. 8.9e-158;
.8; Mismatches 28;
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US-09-026-985-71
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PRIOR APPLICATION DATA;
PRIOR APPLICATION NUMBER: 60/074,330
FILLING DATE: 22-Jan-1998
PRIOR APPLICATION DATA;
APPLICATION NUMBER: 60/038,664
FILLING DATE: 21-Peb-1997
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P108:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/25-5530
TELEPHONE: 650/25-9881
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
TYPE: Amino Acid
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                                             Sequence 71, Application US/09026985
Patent No. 6133426
GENERAL INFORMATION:
APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Leong, Steven R.
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLE OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
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      STREET:
                                    ADDRESSEE:
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                     1 DNA Way
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                                 Genentech, Inc
 San Francisco
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TYPE: Anino Acid
TYPOLOGY: Linear
US-09-026-985-71
                                                                                        US-09-121-952A-71
US-09-121-952A-71
; Sequence 71, Application
; Patent No. 6458355
; GENERAL INFORMATION:
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Best Local
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COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb flo

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Winhatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/026,985

FILING DATE: 20-Feb-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Love, Richard B.

REFERENCE/DOCKET NUMBER: 91085R3-1

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Genentech, Inc., Hse
Koumenis, Iphigenia
Leong, Steven R.
Presta, Leonard G.
Shahrokh, Zahra
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90.3%;
                                                                                                                                   US/09121952A
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                                                                             Hsei,
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US-09-121-952A-71
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APPLICATION NUMBER: 60/074330
FILING DATE: 22-CAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/075467
FILING DATE: 20-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: LOVE, RICHARD B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 452 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 24-Jul-1998 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DO SOFTWARE: WinPatin (Genentech)
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                                                              EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS 438
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                                        EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
                                                                                                                        YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
                                                                                                                                                  YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR 378
                                                                                                                                                                                                        GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ
                                                                                                                                                                                                                                                                                                                              SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL
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                                                                                                                                                                                                                                                                                                                                                                                                                  SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NOKEKGRETLSRONSKNTAYLOMNSLRAEDTAVYYCARGDYRYNGDWEEDVWGOGTLVTV
                                                                                                                                                                                                                                                                                        SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELL
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IBM PC compatible
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90.3%;
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WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/09/121,952A
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Pred. No. 1.2e-157;
Pred. No. 1.7;
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                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94080
COMPUTER READABLE FORM:
COMPUTER: 3.5 inch, 1.44 Mb flc
MEDIUM TYPE: 3.5 inch, 1.44 Mb flc
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinDatin (Genentech)
                                                                                                                                                                                                                                                               Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Shahrokh, Zahra
APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREA
TITLE OF INVENTION: MITH ANTI-IL-8
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
REGISTRATION NUMBER: 34,6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 22-JAN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: U5/09/121.
FILING DATE: 24-Jul-1998
APPLICATION NUMBER: 60/074330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 650/225-5530
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                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 452 amino acids
TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 20-FE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
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199 SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPELL 258
                                                                                                                                                                                                                                                               408;
                                                                                                               61 NOKFKGRFTLSRDNSKNTAYLQMNSLRAEDTÄVYYCARGDYRYNGDWFFDVWGQGTLVTV 120
                                                                                                                                      80 NQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGQGTLVTV 138
                                                                                                                                                                                                                    20 QVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAPGQGLEWMGEIDPSDSYTNY 79
                                                                                                                                                                                     1 EVQLVQSGGGLVQPGGSLRLSCAASGYSFSSHYMHWVRQAPGKGLEWVGYIDPSNGETTY
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                                                                        SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ 198
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Pred. No. 1.2e-157;
%6; Mismatches 17;
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APPLICANT: Bark, John E.
APPLICANT: Bark, John E.
APPLICANT: Barberger, Uwe
APPLICANT: Bamberger, Uwe
APPLICANT: Saldanha, Jose W.
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
FILE OF INVENTION: EAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT PILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER FILING DATE: 1998-04-30
EARLIER FILING DATE: 1998-04-30
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 472
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US-09-301-593-30
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US-09-301-593-30
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Patent No. 64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 87.5%; Score 2203; DB 4; Local Similarity 88.2%; Pred. No. 1.4e-157; nes 417; Conservative 18; Mismatches 34;
                              298
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FNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK 357
                                                                                              VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK 297
                                                                                                                                                       TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
                                                                                                                                                                                TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR 237
                                                                                                                                                                                                                                                                   --DYSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV 177
                                                                                                                                                                                                                                                                                                                        GQGLEWMGBIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNR- 119
                                                                                                                                                                                                                                                                                                                                                                                                                                      MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQMVRQAP 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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                                                                        VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK
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CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: PCT/EP 98/05165
PRIOR FILING DATE: 1998-08-14
PRIOR PILING DATE: 1998-06-18
PRIOR PILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR APPLICATION NUMBER: 1990-108-18
NUMBER: PRIOR DATE: 1997-08-18
NUMBER: PRIOR DATE: 1997-08-18
NUMBER: PRIOR FILING DATE: 1997-08-18
NUMBER: PRIOR DATE: 1997-08-18
NUMBER: PRIOR DATE: 104
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US-09-485-737B-67
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APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
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ORGANISM: Artificial Sequence
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Local Similarity 88.0%; Pred. No. 2.1e-155;
hes 409; Conservative 21; Mismatches 31;
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      SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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                                                                                                   PREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG 425
                                                                                                                                                                                  EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
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RESULT 12
US-09-301-593-18
; Sequence 18, Application
; Patent No. 6455677
; GENERAL INFORMATION:
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Best Local Similarity
Matches 409; Conserv
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APPLICANT: Sablon, Erwin
TITLE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC
TITLE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
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SOFTWARE: PatentIn version 3.0
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ORGANISM: Artificial Sequence
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88.0%; Pred. No. 3.6e-155;
tive 21; Mismatches 31; Indels
                                      US/09301593A
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RESULT 13
US-07-934-373C-22
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                                                                                                                                                                                   Sequence 22, Application Patent No. 5821337
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APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
CURRENT TAPPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: BP 98107925.4
EARLIER APPLICATION NUMBER: US/09/301,593A
CHARLIER APPLICATION NUMBER: US/09/301,593A
                                                                                                                                                                   GENERAL INFORMATION:
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TYPE: PRT
                                                                      APPLICANT: Paul J. Carter
APPLICANT: Leonard G. Presta
TITLE OF INVENTION: Immunoglobulin
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genent
STREET: 1 DNA Way
CITY: South San I
STATE: Californi
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                                                                                                                                                                                                                                                                                                     SRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 453
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                                    1 DNA Way
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                                                      Genentech, Inc.
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; Pred. No. 1.2e-154;
14; Mismatches 28;
                                                                                                                Variants
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RESULT 14
US-08-437-642B-22
JS-08-27-642B-22
Sequence 22, Application US/08437642B
Patent No. 6054297
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/07/934,373C FILING DATE: 21-Aug-1992 CLASSIFICATION: 530 PRIOR APPLICATION DATA: PCT/US92/05126 PILING DATE: 15-JUN-1992 PRIOR APPLICATION DATA: APPLICATION NUMBER: PCT/US92/05126 PRIOR APPLICATION DATA: APPLICATION NUMBER: 07/115272 PILING DATE: 14-JUN-1991 ATTORNEY/AGENT INFORMATION: NAME: Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Amino Acid
TOPOLOGY: I.i.
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LENGTH: 454 amino acid
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MEDIUM TYPE: 3.5 inch, 1.44 Mb 1
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  y Match 85.8%; Score 2158.5; DB 2; Local Similarity 89.2%; Pred. No. 2.9e-154; hes 405; Conservative 18; Mismatches 28;
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REFERENCE/DOCKET NUMBER: PO
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US-08-437-642B-22
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Best Local Similarity
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APPLICATION UMBER: US/08/437,642B
FILING DATE: 09-May-1995
CLASSIFICATION 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934373
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146206
FILING DATE: 17-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
APPLICATION NUMBER: PCT/US92/05126
APPLICATION NUMBER: PCT/US92/05126
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/715272
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APPLICANT: Leonard G. Presta
TITLE OF INVENTION: Immunoglobulin Variants
NUMBER OF SEQUENCES: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
                                         EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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US-08-146-206C-22
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MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION UMMER: US/08/146,206C
FILING DATE: 17-No. 6407213-1993
CLASSIFICATION DATA:
APPLICATION UMMER: 07/715272
FILING DATE: 14-JUN-1991
APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1991
APPLICATION HOPERMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: 90709P1
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APPLICANT: Carter, Paul J.

APPLICANT: Presta, Leonard G.

TITLE OF INVENTION: Method for Making Humanized Antibodies
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 454 amino acids
TYPE: Amino Acid
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CITY: South San Francisco
STATE: California
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257 LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE 316
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                                                          LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPPCPAPE 256
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                                    LQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPE 240
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Search completed: February 20, 2004, 13:35:11 Job time : 16.5872 secs

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Maximum
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Maximum Match 100%
Listing first 45 summaries
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Match
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/USO9C_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10C_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10C_NEW_PUB.pep:*
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US-10-216-484-147

US-10-216-484-143

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US-10-216-484-143

US-10-216-484-117

US-10-216-484-117

US-10-384-933-117

US-10-384-933-157

US-10-384-933-157

US-10-216-484-89

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US-10-216-484-157

US-99-825-012-52

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Sequence 147, App Sequence 143, App Sequence 143, App Sequence 145, App Sequence 117, App Sequence 117, App Sequence 117, App Sequence 117, App Sequence 157, App Sequence 157, App Sequence 157, App Sequence 46, App1 Sequence 46, App1 Sequence 55, App1 Sequence 55, App1 Sequence 55, App1 Sequence 52, App1
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0-108	-10-171-	US-10-171-452A-42	-10-353-	-10-	US-10-104-047-3329	-452A-6	US-10-171-452A-48	-10-353-708-	-10-353-708-	US-10-409-938-15	-10-378-567-	-10-290-	-699	US-10-159-006-43	US-10-171-452A-53		US-10-171-452A-59	US-10-171-452A-47	US-10-171-452A-41		US-10-353-708-47	US-10-353-708-41	US-10-461-148-9	US-10-225-108A-16	0-377-12	77-121-	US-09-825-012-58	US-09-825-012-49	US-09-825-012-61
Sequence 4289, Ap	54,	42,	54,	42	e 332	e 60,	Ø	60	48	15,	Ņ,	e 3,	ω	43	53	53	59,	e 47,	41	59		e 41,	9	e 16,	e 22,	e 18,	e 58,	e 49,	

ALIGNMENTS

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Sequence 147, Application US/10384933

Publication No. US20030170817A1

GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa

APPLICANT: Haruyama, Hideyuki
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Teuko
APPLICANT: Tamaki, Teuko
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANT: Tamaki, Tohru
APPLICANTION NUMBER: US/10/384,933

CURRENT APPLICATION NUMBER: US/99/499,662

PRIOR APPLICATION NUMBER: US/99/499,662

PRIOR APPLICATION NUMBER: US/99/499,662

PRIOR APPLICATION NUMBER: US/99/499,662

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PRIOR APPLICATION US/99/499,662

PRIO
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US-10-384-933-147
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Best Local Similarity
Matches 470; Conserv
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ORGANISM: Artificial Sequence
FEATURE:
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                                                            61
                                                                                                                                                                                                               1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVRQAP 60
GQGLEWMGEIDPSDSYTNYNQKFKGKATLIVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                                                                                                                                       MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP 60
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Pred. No. 3.9e-166;
; Mismatches 0;
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Hakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
LENGTH: 470
TYPE: PRT
TYPE: PRT
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
               181
                                                                                                 121
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WNSGALTSGVHTEPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                                                   YSNNWYFDVWGQCTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS 180
                                                                                                                                                          GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVTYCARNRD 120
                                                                                                                                                                                                                MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP
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                                                           YSNNWYFDVWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
                                                                                                                                        GOGLEWMGEIDPSDSYTNYNOKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD
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o. US20030103976A1
                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                    Description of Artificial Sequence: Designed chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                           100.0%;
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FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/9/499,662

PRIOR PILING DATE: 2000-02-09

PRIOR PILING DATE: 2000-02-09

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 143

LENGTH: 470

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:
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US-10-384-933-143
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 143, Application US/10384933 Publication No. US20030170817A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 469;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                         301
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                       YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                                                                           KSCDKTHTCPPCPAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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Takahashi, Tohru
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   Conservative
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Pred. No. 6.3e-166;
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US-10-216-484-143
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APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Pas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 1998-04-01
NUMBER OF EQ ID NOS: 165
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Best Local Similarity
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LENGTH: 470
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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ORGANISM: Artificial Sequence
FEATURE:
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                              KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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Pred. No. 6.3e-166;
1; Mismatches 0;
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; OTHER INFORMATION: Description of Artificial Sequence: Designed ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-145
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 145
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APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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Best Local Similarity
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ORGANISM: Artificial Sequence
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Takahashi, Tohru
LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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ilarity 99.6%;
Conservative
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pred. No. 8.7e-166;
2; Mismatches 0;
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                                                                                420
                                                                                                                                                               360
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RESULT 6 US-10-216-484-145 ; Sequence 145, Application US/10216484 ; Publication No. US20030103976A1

GENERAL INFORMATION:

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APPLICANT: Serizawa, No. US20030103976Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Haruyama, Hideyuki APPLICANT: Tamaki, Ikuko APPLICANT: Tamaki, Ikuko APPLICANT: Takahashi, Tohru TITLE OF INVENTION: Anti-Fas Antibodies FILE REFERENCE: 980126CIP/HG CURRENT APPLICATION NUMBER: US/10/216,484 CURRENT FILING DATE: 2002-08-09 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR APPLICATION NUMBER: US/09/499,662 PRIOR FILING DATE: 2000-02-09 PRIOR APPLICATION NUMBER: US 09/053,583 PRIOR FILING DATE: 1998-04-01 NUMBER OF SEQ ID NOS: 165
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US-10-384-933-117
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; OTHER INFORMATION:
US-10-216-484-145
                                                                                                                                                                                                         Sequence 117, Appublication No.
                                                                                                                                                                                       GENERAL INFORMATION:
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                                   APPLICANT: Serizawa, No. US20030170817Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLB OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 470
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                      APPLICATION NUMBER: US/10/384,933
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o. US20030170817A1
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Pred. No. 8.7e-166;
2; Mismatches 0;
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APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CCURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
NUMBER OF SEQ ID NOS: 165
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RESULT 8 US-10-216-484-117

Sequence 117, Application US/10216484 Publication No. US20030103976A1 GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030103976Alufusa APPLICANT: Haruyama, Hideyuki APPLICANT: Nakahara, Kaori APPLICANT: Tamaki, Ikuko

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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-117
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 117
TENEMET 170
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Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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                  LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSFGK 470
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                       KAKGOPREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV
                                                                                          KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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                                                                                                                                            YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
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Pred. No. 1e-165;
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RESULT 9
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                                                                                                                                                                        SEQ ID NO 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
Query Match
                                                                                                                                                                                  APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
                                                          OTHER INFORMATION: OTHER INFORMATION:
                                                                                              FEATURE:
                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                      LENGTH: 470
TYPE: PRT
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                                                          Description of Artificial Sequence: chain of humanized anti-Pas antibody
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Pred. No. 1e-165;
2; Mismatches 0;
  Score 2498;
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APPLICANT: Takahashi, Tkuko

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/10/384, 933

CURRENT FILING DATE: 2000-02-09

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 157

LENGTH: 470

TYPE: """
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US-10-384-933-157
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                                                                                                                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: heavy chain of humanized anti-Fas antibody US-10-384-933-157
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Best Local
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                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                              Local Similarity
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                                                        MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMMQWVRQAP 60
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   GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                     MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP
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Pred. No. 8.1e-165;
3; Mismatches 2;
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APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
LENGTH: 470
TYPE: PRT
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US-10-216-484-89
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                                                                                                                                                                                                                                                                                                                                                                                                 Matches 466;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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                                                                                                       121 YSNNWYFDVWGQGTLVTVSSASTKGPSVPPLAPSSKSTSGGTAALGCLVKDYPPEPVTVS 180
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WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                                                                                                                                                                                       GQGLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
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                                                          YSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
                                                                                                                                                                       GORLEWMGEIDPSDSYTNYNOKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRD
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99.1%;
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Pred. No. 8.1e-165;
2; Mismatches 2;
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APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR PILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 157
LENGTH: 470
TYPE: PRT
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 465;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: heavy chain of humanized anti-Fas antibody
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Takahashi, Tohru
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TITLE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin version 3.1
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US-09-825-012-46
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LENGTH: 731
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 438;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Humanised HMFG1 heavy chain - DNase I fusion
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 467
                    LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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;; Pred. No. 2.6e-154;
19; Mismatches 10;
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NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn version 3.1
SEQ ID NO 55
LENGTH: 741
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GENERAL INFORMATION:
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Best Local
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CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: GB 0008049.9
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TITLE OF INVENTION: Compounds for Targeting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                  LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                          KAKGOPREPOVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPV
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Sequence 52, Application US/09825012

Patent No. US20020122798A1

(GENERAL INFORMATION:
APPLICANT: Young, Robert

ITILE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808

CURRENT APPLICATION NUMBER: US/09/825,012

CURRENT FILING DATE: 2001-04-03

PRIOR APPLICATION NUMBER: US 60/237,159

PRIOR FILING DATE: 2000-10-02

RESULT 15 US-09-825-012-52

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PRIOR APPLICATION NUMBER: GB 0008049.9

PRIOR FILING DATE: 2000-04-03

NUMBER OF SEQ ID NOS: 102

SOFTWARE: Patentin version 3.1

SEQ ID NO 52

LENGTH: 729

TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Humanised HMFG1 heavy chain - DNase I fusion
US-09-825-012-52
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Search completed: February 20, 2004, 14:25:40 Job time : 36.6422 secs

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ALIGNMENTS	3 US-09-109-207C-18 3 US-09-282-505-2 3 US-09-286-05-18 4 US-09-286-005-18 4 US-09-286-0145-2 3 US-09-680-145-2 3 US-09-679-397-2 4 US-09-680-148-2 4 US-09-680-148-2 5 US-08-157-1011-7 1 US-09-157-1011-7 5 PCT-US-08-157-1012-23 5 US-08-157-1012-23 5 US-08-157-1012-23 5 US-08-157-1012-23 6 US-08-157-1012-23 7 US-08-157-1012-23 8 US-08-157-1012-23 9 US-08-157-1012-23 9 US-08-157-1012-23 9 US-08-157-1012-23 9 US-08-157-1012-23	
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GENERAL INFORMATION: APPLICANT: Bark, John E. APPLICANT: Garin-Chesa, Pilar APPLICANT: Bamberger, Uwe APPLICANT: Bamberger, Uwe APPLICANT: Leger, Olivier APPLICANT: Saldanha, Jose W. APPLICANT: Rettig, Wolfgang J. TITLE OF INVENTION: FAP-specific Antibody with Improved Producibility FILE REFERENCE: 0652.189001 CURRENT APPLICATION NUMBER: US/09/301,593A CURRENT FILING DATE: 1999-04-29 EARLIER APPLICATION NUMBER: EP 98107925.4 EARLIER APPLICATION NUMBER: BP 98107925.4 EARLIER FILING DATE: 1998-04-30 EARLIER FILING DATE: 1998-05-18 NUMBER OF SEQ ID NOS: 108 SCOTWARE: Patentin Ver. 2.0 S 밁 S 밁 8 밁 8 문 S ; TYPE: PRT ; ORGANISM: Homo sapiens US-09-301-593-43 US-09-301-593-43 SEQ ID NO 43 LENGTH: 472 Sequence 43, Appl Patent No. 645567 Matches 426; Query Match Best Local Similarity 238 180 178 121 120 --DYSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV 61 61 GQGLEWMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNR- 119 1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP 1 MDWTWRVFCLLAVAPGAHSQVQLVQSGAEVKKPGASVKVSCKTSRYTFTEYTIHWVRQAP AYGYDEGHAMDYWGQGTLVTVSS-STKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK TVSWNSGALTSGVHTPPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK GQRLEWIGGINPNNGIPNYNQKFKGRATLTVGKSASTAYMELSSLRSEDTAVYYCARRRI TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR Application Conservative 89.2%; Score 2245; DB 4; 90.1%; Pred. No. 1.1e-164; bive 11; Mismatches 32; US/09301593A Length 472; Indels 4; Gaps 179 120 297 239 237 177 60 60

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US-08-378-939-10
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/952640

PILING DATE: 01-DEC-1992

ATTORNEY/AGENTI INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377

REFERENCE/DOCKET NUMBER: 1808-118

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040

TELEPHONE: (202) 783-6031

INFORMATION FOR SEQ ID NO: 10:
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Patent No. 5876961
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/378,939

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CORRESPONDENCE ADDRESS: ADDRESSEE: ROTHWELL, FIGG, ERNST & KURZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           y Match 88.9%; Score 2238; DB 2; Length 4
Local Similarity 89.1%; Pred. No. 3.9e-164;
hes 424; Conservative 19; Mismatches 27; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
TOPOLOGY: linear
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   ROANFDRARVGWFDPWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP
                                                                                                                                                                                                GQGLEWMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNR-
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                                               ----DYSNNWYFDVWGEGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFP 174
                                                                                                                                                 GQGLEWMGGIIPLFGTPTYSQNFQGRVTITADKSTSTAHMELTSLRSEDTAVYYCATDRY 120
                                                                                                                                                                                                                                                                                                      MDWTWRFLFVVAAATGVQSQMQVVQSGAEVKKPGSSVTVSCKASGGTFSNYAISWVRQAP
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LEWIS, ALAN PETER
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                                                                    Matches 420;
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Patent No.
                                                                                                     Query Match
                                                                                                                                                                                                                         TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 449 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Co, Ma
APPLICANT: Tso, C
                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNUMBER: US 08/
PILING DATE: 03-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Humanized Antibodies Re
TITLE OF INVENTION: GPIIB/IIIA
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEB: William M. Smith
STREET: One Market Plaza, Steuart Tower,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/458,516
                                                                                     Local Similarity
                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                             LENGTH: 449 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.
ZIP: 94105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
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o. 5777085
San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IEXTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
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                                                                      Conservative
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                                                                    14; Mismatches
                                                                                                                                                                                                                                                                                                                                    11823-37-3
                                                                    Score 2230; DB 1;
Pred. No. 1.5e-163;
.4; Mismatches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suite 2000
                                                                                                     Length 449;
                                                                      Indels
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RESULT 4
US-09-027-449-71
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                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/074,330
PILING DATE: 22-Jan-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/038,664
FILING DATE: 21-Feb-1997
ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: 91085R3-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
                 TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gonzalez, Tania R. APPLICANT: Leong, Steven R. APPLICANT: Presta, Leonard G. TITLE OF INVENTION: Antibody Fr TITLE OF INVENTION: Humanized A NUMBER OF SEQUENCES: 72
                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/99/027,449
FILING DATE: 20-Feb-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 94080
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California
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1 DNA Way
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                                                                                                                            P1085R3-2
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; TOPOLOGY:
US-09-027-449-71
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                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb flop
MEDIUM TYPE: 3.5 inch, 1.44 Mb flop
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,985
FILING DATE: 20-Feb-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gonzalez, Tania R.
APPLICANT: Leong, Steven R.
APPLICANT: Leong, Steven R.
APPLICANT: Presta, Leonard G.
TITLB OF INVENTION: Antibody Fragment-Polymer Conjugates and
TITLB OF INVENTION: Humanized Anti-IL-8 Monoclonal Antibodies
NUMBER OF SEQUENCES: 72
CORRESPONDENCE ADDRESS:
                                                           ATTORNEY/AGENT INFORMATION:
NAME: Love, Richard B.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                             STATE: C
                                                                                                                                                                                                                                                                                                                                                         STREET: 1 DNA Way
CITY: South San Francisco
                   REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1
                                                                                                                                                                                                                                                                                                ZIP: 94080
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amino Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQ
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                                                                                                                                                                                                                                                                                                                                     California
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                                                                                                                                                                                                                                                    1.44 Mb floppy
                     P1085R3-1
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US-09-121-952A-71
; Sequence 71, Application US/09121952A
; Patent No. 6458355
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                                                                                                                                                                                                                                                                                                                                                            Patent No. 6458355
GENERAL INFORMATION:
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acid
                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                          APPLICANT: Shahrokh, Zahra
APPLICANT: Zapata, Gerardo A.
TITLE OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
TITLE OF INVENTION: WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER CONJUGATES
NUMBER OF SEQUENCES: 72
                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                STREET: 1 DNA We
CITY: South San
STATE: Californi
                                                                                                  ZIP: 94080
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                                                                                                                                                                               ADDRESSEE:
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                                                                                                                                1 DNA Way
San Francisco
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                                                                                                                                  California
                                                                                                                 USA
                                                                                                                                                                                                                                                                                                         Genentech, Inc., He
Koumenis, Iphigenia
Leong, Steven R.
                                                                                                                                                                                                                                                                                          Presta, Leonard G.
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                                                                                                                                                                                                                                                                                                                                           Inc., Hsei, Vanessa
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Pred. No. 4.7
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GENERAL INFORMATION:

APPLICANT: APPLICANT:

Genentech, Inc., Hs Koumenis, Iphigenia

Hsei,

Vanessa

APPLICANT: TITLE OF IN

APPLICANT:

CANT: Leong, Steven R.
CANT: Presta, Leonard G.
CANT: Shahrokh, Zahra
CANT: Shahrokh, Zahra
CANT: Zapata, Gerardo A.
OF INVENTION: METHODS OF TREATING INFLAMMATORY DISEASES
OF INVENTION: WITH ANTI-IL-8 ANTIBODY FRAGMENT-POLYMER (

CONJUGATES

APPLICANT:

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US-09-234-340A-71
; Sequence 71, Application US/09234340A
; Patent No. 6468532
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ATTORNEY/AGENT INFORMATION:
NAME: LOVE, Richard B.
REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P108
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Amino Acid
TOPOLOGY: Linca
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FILING DATE: 24-Uul-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/074330
PRIOR APPLICATION NUMBER: 60/074330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                   RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                                                                                                                 EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
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90.3%; Pred. No. 4.7e-162;
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ADDRESSEE:

94080

FILING DATE:

Love,

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Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 452 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US/09/121,99
FILING DATE: 24-Jul-1998
APPLICATION NUMBER: 60/074330
FILING DATE: 22-JAN-1998
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 34,659
REFERENCE/DOCKET NUMBER: P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-5530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Amino Acid TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 20-FE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 NQKFKGRFTLSRDNSKNTAYLQMNSLRAEDTAVYYCARGDYRYNGDWFFDVWGQGTLVTV 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 EVQLVQSGGGLVQPGGSLRLSCAASGYSFSSHYMHWVRQAPGKGLEWVGYIDPSNGETTY 60
RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                                          EEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS 438
                                                                                                                                                                                   YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR 378
                                                                                                                                                                                                                         GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKPNWYVDGVEVHNAKTKPREEQ
                                                                                                                                                                                                                                                  GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQ 318
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCAR-NRDYSNNWYFDVWGEGTLVTV 138
                                                                                                                                             YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
                                                                                                                                                                                                                                                                                                         SSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Richard B.
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US-09-049-672A-8
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Patent No. 61359
                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Hillman
APPLICANT: Lal, P:
                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: CETTONE, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0497 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
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LIBRARY: LUNC.
-- ONE: 2747531
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OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
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                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Incyte Pharmaceuticals, Inc
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 650-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                  127
    187 TSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKT 246
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                                                                                                                                                                                                                                                                                    414; Conservative
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                                                                                                                                               67 MGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNWY 126
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                                                                   FDVWGEGTLVTVSSASTKGPSVPPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGAL 186
                                                                                                                          MGGLAPENGEAVYAQKFLGRLTLSEDTSADTAYMFLNNLGSEDSAIYYCARQH----YDFF 123
                                                                                                                                                                                                                                            ILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAPGQGLEW 66
                                          FDFWGQGTMVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGAL 183
                                                                                                                                                                                                      ILFLVAAATGTHAQVQLVQSGAEVKKPGASVQVSCTVSGFTLSDLSVHWVRQAPGQGLEW
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Yue, Henry
Au-Young, Janice
Corley, Neil C.
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89.2%;
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                                                                                                                                                                                                                                                                                    Score 2207.5; DB 3;
Pred. No. 8.4e-162;
20; Mismatches 27;
                                                                                                                                                                                                                                                                                                                            DB 3;
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US-09-234-340A-71

Matches

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Gaps

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APPLICANT: Bamberger, Uwe
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Seldanha, Jose W.
APPLICANT: Retrig, Wolfgang J.
TITLE OF INVENTION: FAR-specific Antibody with Improved Producibility
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 472
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                                                                                                                                                                                                                                                                                                                                      Query Match 87.0%; Score 2190; DB 4; Length 472; Best Local Similarity 87.5%; Pred. No. 1.9e-160; Matches 414; Conservative 19; Mismatches 36; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -09-301-593-30
                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT ORGANISM: Homo sapiens
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FWMYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK 357
                                                            VEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVK 297
                                                                                                   TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKK
                                                                                                                      TVSWNSGALTSGVHTFPAVLOSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKR 237
                                                                                                                                                                                --DYSNNWYFDVWGBGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPV 177
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                                             VEPKSCDKTHTCPPCPAPELLGGPSVFLPPPKPXDTLMISRTPEVTCVVVDVSHEDPEVK
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APPLICANT: Sabion, Erwin
APPLICANT: Sabion, INTERPERON-gamma-BINDING MOLECULES FOR TREATING SEPTITILE OF INVENTION: INTERPERON-gamma-BINDING MOLECULES FOR TREATING SEPTITILE OF INVENTIONS: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS
FILE REFERENCE: INNS:015
FILE REFERENCE: INNS:015
CURRENT FILING DATE: 2000-02-14
CURRENT FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: ECT/EP 98/05165
PRIOR APPLICATION NUMBER: EPO 98870139.7
PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: EPO 97870122.5
PRIOR FILING DATE: 1997-08-18
NUMBER OF EGO ID NOS: 104
SOPTWARE: Patentin version 3.0
SEQ ID NO 67
LENGTH: 468
TYDE: DET
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OTHER INFORMATION: SYNTHETIC US-09-485-737B-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-485-737B-67
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APPLICANT: Buyse, Marie-Ange
APPLICANT: Sablon, Brwin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tch 86.3%; Score 2172; DB 4; al Similarity 88.0%; Pred. No. 4.5e-159; 409; Conservative 20; Mismatches 32;
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                                                                                                                                                                                                                                                                                                                                       LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
                                                                                                                                                                                                                                                                                                                                                                LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WMGWINTYTGESTYVDDFKGRFVFSLDTSVSAAYLQISSLKAEDTATYFCARRGFYA---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                                PREPQVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYKTTPPVLDSDG
                                                                                                                                                          EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPASIEKTISKAKGQ
                                                                                                                                                                                 EVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 365
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                                                                                                                                                                                                                                                                      THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGV 305
                                                                                            PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDG 425
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APPLICANT: Sablon, Erwin

APPLICANT: Sablon, Erwin

ITILE OF INVENTION: INTERFERON-gamma-BINDING MOLECULES FOR TREATING SEPTIC SHOCK

ITILE OF INVENTION: CACHEXIA, IMMUNE DISEASES AND SKIN DISORDERS

FILE REFERENCE: INNS:015

CURRENT APPLICATION NUMBER: US/09/485,737B

CURRENT FILING DATE: 2000-02-14

PRIOR APPLICATION NUMBER: PCT/EP 98/05165

PRIOR FILING DATE: 1998-08-14

PRIOR FILING DATE: 1998-08-14

PRIOR APPLICATION NUMBER: EPO 98870139.7

PRIOR FILING DATE: 1998-06-18

PRIOR FILING DATE: 1998-06-18

PRIOR FILING DATE: 1998-06-18

PRIOR FILING DATE: 1997-08-18

NUMBER: OF SEQ ID NOS: 104

SOPTWARE: PatentIn version 3.0

SEQ ID NO 90

LENCTH: 711
RESULT 12
US-09-301-593-18
; Sequence 18, Application
; Patent No. 6455677
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-485-737B-90
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Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                      SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WMGWINTYTGESTYVDDFKGRFVFSLDTSVSAAYLQISSLKAEDTATYFCARRGFYA---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRDYSNNW 125
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APPLICANT: Garin-Chesa, Pilar
APPLICANT: Bamberger, Uwe
APPLICANT: Leger, Olivier
APPLICANT: Leger, Olivier
APPLICANT: Saldanha, Jose W.
APPLICANT: Rettig, Wolfgang J.
TITLE OF INVENTION: FAP-specific Antibody with Improved Pro
FILE REFERENCE: 0652.1890001
CURRENT APPLICATION NUMBER: US/09/301,593A
CURRENT FILING DATE: 1999-04-29
EARLIER APPLICATION NUMBER: EP 98107925.4
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER APPLICATION NUMBER: US 60/086,049
EARLIER FILING DATE: 1998-05-18
NUMBER OF SEQ ID NOS: 108
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US-08-793-450-8
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                                                           GENERAL INFORMATION:

APPLICANT: EDELMAN, LENA
APPLICANT: KARCARAITTE, CHRIST:
APPLICANT: KACZOREK, MICHEL
APPLICANT: CHAABIHI, HASSAN
TITLE OF INVENTION: MONOCLONAT
TITLE OF INVENTION:
                                                                                                                                                                                                      Sequence 8, Application US/08793450 Patent No. 6312690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 405; Conservative
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TYPE: PRT
ORGANISM: Homo sapiens
                     NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                               361
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                                                                                                                                                                                                                                                                                                                                                        SRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                                                                                                                                                                                SRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 453
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  OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
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                                                                                   MONOCLONAL RECOMBINANT ANTI-RHESUS
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                                                                                                                                               CHRISTEL
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377 300

420 437 240

180

120

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257

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Gaps

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RESULT 14
US-07-934-373C-22
; Sequence 22, Application US/07934373C
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Best Local Similarity
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CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/10566

APPLICATION NUMBER: FR 94/10566

APPLICATION NUMBER: 1994

ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-118-0 PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 472 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CITY: ARLINGTON
STATE: VA
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STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
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GY: linear
                                                                                                                      TTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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                                                                                                                                                                   EKTISKAKGOPREPOVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGOPETNYK
                                                                                                                                                                                     EKTISKAKGOPREPOVYTLPPSREEMTKNOVSLTCLVKGFYPSDIAVEWESNGOPENNYK
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                                                                                                                                                                                                                                                                                                                               KRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPE
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                                                                                                TTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                                                                                                                                                                                            VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI
                                                                                                                                                                                                                                                                                                           KKAEPKSCDKTQTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPE
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GENERAL INFORMATION:
APPLICANT: Paul J. Carter
APPLICANT: Leonard G. Presta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 530
PRIOR APPLICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/05126
FILING DATE: 15-UUN-1992
PRIOR APPLICATION UMBER: 07/715272
PRIOR APPLICATION NUMBER: 07/715272
FILING DATE: 14-UN-1991
ATTORNEY/ACENT INFORMATION:
NAME: Lee, Wendy M.
REFERENCE/DOCKET NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P0709F2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: 650/952-981 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: 454 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb i
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Amino Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 21-Aug-1992
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                           SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVD 436
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SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLVSKLTVD
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                                                                                     EQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
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                                                                                                                                                                          LLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE
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88.3%; Pred. No. 8e-157;
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US-08-437-642B-22
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Patent NO. 6054297
GENERAL INFORMATION:
APPLICANT: Paul J. Carter
APPLICANT: Leonard G. Presta
TITLE OF INVENTION: Immunoglobulin Variants
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 85.1%; Score 2142.5; DB 3; Length 454; Best Local Similarity 88.3%; Pred. No. 8e-157; Matches 401; Conservative 20; Mismatches 30; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Winpatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,642B
FILING DATE: 09-May-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/4373
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/934373
FILING DATE: 21-AUG-1992
PRIOR APPLICATION NUMBER: 08/146206
FILING DATE: 17-NOV-1993
PRIOR APPLICATION NUMBER: PCT/US92/05126
FILING DATE: 15-JUN-1992
PRIOR APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1992
PRIOR APPLICATION NUMBER: 07/715272
FILING DATE: 14-JUN-1991
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INFORMATION FOR SEQ ID NO: 22:
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LENGTH: 454 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear
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CITY: South San Fr
STATE: California
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ZIP: 94080
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121 TVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEFVTVSWNSGALTSGVHTFPAV 180
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Search completed: February 20, 2004, 13:35:12 Job time : 16.5872 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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seq length: 2000000000
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/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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US-10-216-484-145

US-10-216-484-145

US-10-216-484-145

US-10-216-484-143

US-10-216-484-143

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US-10-216-484-189

US-10-216-484-89

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US-09-825-012-52
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ALIGNMENTS

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Serizawa, No. US20030170817Alufusa

APPLICANT: Haruyama, Hideyuki

APPLICANT: Nakahara, Kaori

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Takahashi, Tohru

TITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583

PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 09/053,583

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01

NUMBER OP SEQ ID NOS: 165

LENGTH: 470 밁 5 8 RESULT 1 US-10-384-933-157 US-10-384-933-157 Best Loc Matches Sequence 157, Application US/10384933 Publication No. US20030170817A1 Query Match TYPE: PRT
ORGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: heavy chain of humanized anti-Fas antibody Local Similarity mes 470; Conserv 61 GQGLEWMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRD 120 1 MGWSCIILFLVATATGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP 60 1 MGWSCIILFLVATAIGVHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYWMQWVRQAP Conservative 100.0%; Score 2518; DB 12; 100.0%; Pred. No. 9.1e-166; Vative 0; Mismatches 0; DB 12; Indels Length 470; 0; Gaps 0

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Sequence Sequence Sequence

143,

Sequence

420

420 360

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CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 157
LENGTH: 470
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US-10-216-484-157
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Best Local S
Matches 470
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APPLICANT: Serizawa, No. US20030103976Alufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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APPLICANT: Takahashi, Tohru
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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ilarity 100.0%;
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Pred. No. 9.1e-166;
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APPLICANT: Tamaki, Ikuko

ITITLE OF INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT FILING DATE: 2003-02-05

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: 2000-02-09

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 117

LENGTON:
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APPLICANT: Serizawa,
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Best Local &
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ORGANISM: Artificial Sequence
FEATURE:
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Haruyama, Hideyuki
Nakahara, Kaori
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Pred. No. 2.
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APPLICANT: Haruyama, No. US20030170817Alufusa

APPLICANT: Nakahara, Kaori

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

APPLICANT: Tamaki, Ikuko

ITILE OP INVENTION: Anti-Fas Antibodies

FILE REFERENCE: 980126CIP/HG

CURRENT APPLICATION NUMBER: US/10/384,933

CURRENT APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/499,662

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/053,583

PRIOR PILING DATE: EARLIER FILING DATE: 1998-04-01

SEQ ID NO 147

LENGTH: 470

TYPE: DET
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ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION:
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LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
                                                                                             KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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o. US20030170817A1
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Pred. No. 2.2e-164;
3; Mismatches 2;
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                      RESULT 6
US-10-216-484-147
; Sequence 147, Application US/10216484
; Publication No. US20030103976A1
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TILE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 1998-04-01
PRIOR FILING DATE: 1998-04-01
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Best Local Similarity
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SEQ ID NO 117
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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ORGANISM: Artificial Sequence
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Pred. No. 2.2e-164;
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Ikuko
APPLICANT: Tamaki, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/99/499,662
PRIOR APPLICATION NUMBER: US/99/99,662
PRIOR APPLICATION NUMBER: US/99/99,662
PRIOR APPLICATION NUMBER: US/99/99,662
PRIOR APPLICATION NUMBER: US/99/99,53,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 147
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US-10-384-933-145
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                                                                      Sequence 145, Application US/10384933
Publication No. US20030170817A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030170817A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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Matches 465; Conserv
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Best Local 9
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OTHER INFORMATION: chain of humanized anti-Fas antibody
-10-216-484-147
               APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
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CURRENT APPLICATION NUMBER:
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TYPE: PRT
ORGANISM: Artificial Sequence
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Haruyama, Hideyuki
Nakahara, Kaori
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Pred. No. 2.2e-164;
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OTHER INFORMATION: Description of Artificial Sequence: Designed OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-384-933-145
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PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: Artificial Sequence FEATURE:
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Similarity 98.9%;
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                                                                                    KAKGQPREPQYYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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                LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
                                                               KAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
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Pred. No. 2.6e-164;
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WESULT 8
US-10-216-484-145
; Sequence 145, Application US/10216484
; Publication No. US20030103976A1
; Publication No. US20030103976A1ufusa
APPLICANT: Serizawa, No. US20030103976A1ufusa
APPLICANT: Haruyama, Hideyuki
APPLICANT: Makahara, Kaori
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT APPLICATION NUMBER: US/09/499,662
; PRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 2000-02-09
pRIOR APPLICATION NUMBER: US/09/499,662
; PRIOR FILING DATE: 1988-04-01
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 145
LENGTH: 470

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US-10-384-933-143
Psequence 143, Application US/10384933
Publication No. US20030170817A1
GENERAL INFORMATION:
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US-10-216-484-145
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                                      US-10-384-933-143
                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/09/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR PPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/053,583
PRIOR PILING DATE: EARLIER PILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
Query Match
                                                      LENGTH: 470

TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description
OTHER INFORMATION: chain of hum
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OP INVENTION: Anti-Pas Antibodies
FILE REPERENCE: 980126CIP/HG
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                                                          Description of Artificial Sequence: Designed heavy chain of humanized anti-Fas antibody
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Pred. No. 2.6e-164;
}; Mismatches 2;
  Score 2495;
DB 12;
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                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence: Designed; OTHER INFORMATION: chain of humanized anti-Fas antibody US-10-216-484-143
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CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: US/90/499,662
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 143
SEQ ID NO 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 143, Application US/10216484
Publication No. US20030103976A1
GENERAL INFORMATION:
APPLICANT: Serizawa, No. US20030103976A1ufusa
                                                                                                                    Matches 464; Conservative
                                                                                                                                       Query Match
Best Local Similarity
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APPLICANT: Takahashi, Tohru
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                                                                                                                                                                                                                                                                                                      TYPE: PRT
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GQGLEWMGEIDPSDSYTNYNQKFKGRVTITRDTSTSTAYMELSSLRSEDTAVYYCARNRD 120
                                                            MGWSCIILFLVATATGVHSQVQLVQSGAEVKXSGASVKVSCKASGYTFTSYMMQWVRQAP 60
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Nakahara, Kaori
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                                                                                                                  Score 2495; DB 15;
Pred. No. 3.5e-164;
4; Mismatches 2;
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Best Local S
Matches 463
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CURRENT PILING DATE: 2003-02-05
PRIOR APPLICATION NUMBER: US/10/384,933
CURRENT FILING DATE: 2000-02-05
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: BARLIER FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NOS: 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tamaki, Ikuko
APPLICANT: Takahashi, Tohru
TITLE OF INVENTION: Anti-Fas Antibodies
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
APPLICANT: Tamaki, Ikuko
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TYPE: PRT
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WNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEP
                                                             YSNNWYFDVWGEGTIVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVS
                                                                                                           GQRLEWMGEIDPSDSYTNYNQKFKGKATLTVDTSASTAYMELSSLRSEDTAVYYCARNRD
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Pred. No. 1.7e-163;
3; Mismatches 4;
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PRIOR FILING DATE: 2000-02-09
PRIOR APPLICATION NUMBER: US 09/053,583
PRIOR FILING DATE: 1998-04-01
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 89
LENGTH: 470
TYPE: PRT
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Publication No.
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Best Local Similarity
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TITLE OF INVENTION: Anti-Fas Antibodies
FILE REFERENCE: 980126CIP/HG
CURRENT APPLICATION NUMBER: US/10/216,484
CURRENT FILING DATE: 2002-08-09
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APPLICANT: Haruyama, Hideyuki
APPLICANT: Nakahara, Kaori
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: chain of humanized anti-Fas antibody
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 YVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS
                                        KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
                                                         KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNW
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Takahashi, Tol
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Pred. No. 1.7e-163;
3; Mismatches 4;
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US-09-825-012-46
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APPLICANT: Young, Robert
TITLE OP INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
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Best Local Similarity
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LENGTH: 731
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CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: GB 0008049.9
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOPTWARE: Patentin version 3.1
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Humanised HMFG1 heavy chain - DNase I fusion
                                                                                                                                                                                                                                                                                                                                                                                                                               181
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                                                                 LDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 470
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Sequence 52, Application US/09825012
Patent No. US20020122798A1
PATENT INFORMATION:
APPLICANT: Young, Robert
FITLE OF INVENTION: Compounds for Targeting
FILLE REFERENCE: 43191-256808
CURRENT APPLICATION NUMBER: US/09/825,012
CURRENT TILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
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APPLICANT: Young, Robert
ITILE OF INVENTION: Compounds for Targeting
FILE REFERENCE: 43191-256808
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US 60/237,159
PRIOR FILING DATE: 2000-10-02
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 102
SOSTWARE: Patentin version 3.1
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US-09-825-012-52
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Best Local Similarity
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ORGANISM: Artificial Sequence
FEATURE:
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NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn version 3.1
SEQ ID NO 52
LENGTH: 729
TYPE: PRT
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